



# INDUSTRIAL, ELECTRONIC & ELECTRICAL IDENTIFICATION

[www.BradyID.com](http://www.BradyID.com)

- Portable Label Printers
- Benchtop Industrial Printers
- Label Design Software
- Barcode and Data Scanners
- Thermal Transfer Labels
- PermaSleeve® Wire Markers
- Raised Panel Labels
- And More!



# INDUSTRIAL, ELECTRONIC & ELECTRICAL IDENTIFICATION

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## THE BRADY ADVANTAGE

When it comes to identification, safety and compliance, there's a clear advantage to working with Brady. We put our customers first in everything we do.

Our goal is to give you an unrivaled customer experience. We are relentlessly committed to performance and excellence - in our products, services and people.

Our products and solutions perform in ways that others simply can't match. Our people perform in ways that regularly exceed your expectations. And our focus and discipline work toward solid, long-term performance for our customers.

In short, Brady is the company you trust when performance matters most.

**Learn more about the Brady Advantage at:**  
**[www.BradyID.com](http://www.BradyID.com)**



# PRINTING REFERENCE GUIDE



Brady's industrial printers and label makers offer reliable, on-demand labeling solutions for any industry. Designed with thermal transfer printing capabilities, Brady's printers create clear, professional-looking labels, signs and tags - with the durability to withstand even the harshest environments. Whether it's a small handheld printer or a large, multi-color industrial printer, Brady has an easy-to-use label printing solution to fit your needs.

Use this reference section to quickly compare printers, and software. More in-depth information regarding printers and materials can be found throughout the catalog.

## Printing Reference Guide Contents

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# Portable Printer Comparison Guide

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## Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs.

Then turn to pages 12-66 to find out more about the printer, compatible materials and ribbons.



### Portable Printers Comparison Guide



**BMP<sup>®</sup>21  
Label Printer**

See Page 13



**IDXPert™ Continuous  
Only Label Printer**

See Page 16



**IDXPert™ ABC/Qterty  
Label Printer**

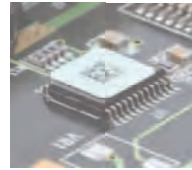
See Page 17

Printer Specifications			
<b>Part Number</b>	BMP21	XPERT-CONT	XPERT-ABC, XPERT-KEY
<b>Description</b>	Designed for use with a variety of materials and for a wide range of labeling applications.	An economical version of the IDXPert Label Printer that prints on continuous labeling tape only. Ideal for identification needs where the full die-cut functionality is not needed.	The first handheld cartridge based labeling system that can print die-cut labels, self-laminating labels and sleeves as well as continuous tapes.
<b>Label Types/ Application Functions</b>	Wire, Banner Portrait, Banner Landscape, Terminal Block Patch Panel, Fixed Length	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length
<b>Applications</b>	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking
<b>Print Technology</b>	Thermal Transfer	Thermal Transfer	Thermal Transfer
<b>Print Resolution</b>	203 dpi	300 dpi	300 dpi
<b>Print Speed</b>	10 mm / sec	10 mm / sec	10 mm / sec
<b>Color Capability</b>	Single Color Printing	Single Color Printing	Single Color Printing
<b>Max Labels per Day</b>	75 labels/day	250 labels/day	250 labels/day
<b>Keyboard</b>	ABC	ABC	ABC and Qterty
<b>Backlit Screen</b>	Yes	No	No
<b>Portability</b>	Yes	Yes	Yes
<b>Weight</b>	1.66 lbs	2.4 lbs	2.4 lbs
<b>Power Supply</b>	6 AA's, AC Power (optional)	6 AA's, AC Power (optional)	6 AA's, AC Power (optional)
<b>PC Connect Printing</b>	No	Yes - USB	Yes - USB
<b>Stand Alone Printing</b>	Yes	Yes	Yes
<b>Compatible Software</b>	N/A	Labelmark™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Windows® based driver for 3rd party software use*
<b>Memory</b>	12 labels	10 labels	10 labels
<b>File Transfer from PC to printer</b>	No	No	No
<b>Continuous vs. Die Cut Labels</b>	Continuous Labels Only	Continuous Labels Only	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, 43 Stock Parts	Continuous, 50+ Stock Parts	Continuous, Die Cut, 140+ Stock Parts
<b>Tape Widths</b>	0.375", 0.500", 0.750"	0.250", 0.318", 0.375", 0.475", 0.500", 0.625", 0.750", 1.000", 1.500"	0.250", 0.318", 0.375", 0.475", 0.500", 0.625", 0.750", 1.000", 1.500"
<b>Max Label Width</b>	0.750"	1.500"	1.500"
<b>Max Print Width</b>	N/A	1.250"	1.250"
<b>Label Roll Length</b>	21 ft	30 ft	30 ft
<b>Text Sizes</b>	6 (6 to 40 pt)	11 (7 to 128 pt)	11 (7 to 128 pt)
<b>Multi-Line Print</b>	Yes	Yes	Yes
<b>Print Rotation</b>	No	Yes	Yes
<b>Serialization</b>	Yes	Yes	Yes
<b>Barcode</b>	39 and 128	39 and 128	39 and 128
<b>Symbols</b>	80	82	82
<b>Warranty</b>	1 Year Limited Warranty Included	1 Year Limited Warranty Included	1 Year Limited Warranty Included

\* Test 3rd party software integration for intended application prior to purchase. Windows® is a registered trademark of Microsoft Corporation.

# Portable Printer Comparison Guide

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## Portable Printers Comparison Guide



**TLS 2200®  
Thermal Labeling System**

See Page 22



**TLS PC LINK™  
Thermal Labeling System**

See Page 23



**BMP71  
Label Printer**

See Page 54

Printer Specifications			
Part Number	TLS2200	TLSPC	BMP71
<b>Description</b>	Offers the light weight of a hand-held printer, while providing capabilities such as thermal transfer printing, bar coding and multiple material configurations.	A rugged, small and lightweight desktop/portable solution. Provides capabilities such as thermal transfer printing, bar coding, and multiple material configurations.	High volume fast printing in a portable printer. Handle thousands of labeling applications with best features of the TLS2200 and Handimark combined into one printer.
<b>Label Types/ Application Functions</b>	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length	Banner Portrait, Banner Landscape, Wire, Flag Labels, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length, Pipe Markers, Safety Labels
<b>Applications</b>	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Healthcare Identification, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking	Circuit Board Labeling, Data Communications Labeling, Safety & Maintenance Identification, General & Industrial Labeling, Healthcare Identification, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Healthcare Identification, Laboratory Identification, Panel Identification, Security Identification, Wire & Cable Marking, Pipe Marking
<b>Print Technology</b>	Thermal Transfer	Thermal Transfer	Thermal Transfer
<b>Print Resolution</b>	203 dpi	203 dpi	300 dpi
<b>Print Speed</b>	12 mm/sec	12 mm/sec	38 mm/sec
<b>Color Capability</b>	Single Color Printing	Single Color Printing	Single Color Printing
<b>Max Labels per Day</b>	750 labels/day	750 labels/day	1000 labels/day
<b>Keyboard</b>	ABC	None	QWERTY
<b>Backlit Screen</b>	No	No	Yes
<b>Portability</b>	Yes	No	Yes
<b>Weight</b>	2.75 lbs	2.50 lbs	5.49 lbs
<b>Power Supply</b>	Rechargeable Battery, AC Power (optional)	Rechargeable Battery, AC Power (optional)	Rechargeable Battery, AC Power
<b>PC Connect Printing</b>	Yes - Serial	Yes - Serial	Yes - USB
<b>Stand Alone Printing</b>	Yes	No	Yes
<b>Compatible Software</b>	Labelmark™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, MarkWare™ Software, Windows® based driver for 3rd party software use*
<b>Memory</b>	21,000 characters, 10 label lists	None	200 MB
<b>File Transfer from PC to printer</b>	No	No	Yes
<b>Continuous vs. Die Cut Labels</b>	Continuous and Die Cut Labels	Continuous and Die Cut Labels	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, Die Cut, Bulk, Over 500 stock parts/custom	Continuous, Die Cut, Bulk, Over 700 stock parts/custom	Continuous, Die Cut labels, Bulk, Over 400 stock parts
<b>Tape Widths</b>	Various sizes from 0.250" to 2.000"	Various sizes from 0.250" to 2.000"	Various sizes from 0.250" to 2.000"
<b>Max Label Width</b>	2.000"	2.000"	2.000"
<b>Max Print Width</b>	1.810"	1.810"	1.750"
<b>Label Roll Length</b>	50 ft/ 500 ft bulk	50 ft/ 500 ft bulk	50 ft/500 ft bulk
<b>Text Sizes</b>	1 to 19 (4 to 72 pt)	1 to 19 (4 to 72 pt)	4 to 174 pt
<b>Multi-Line Print</b>	Yes	Yes	Yes
<b>Print Rotation</b>	Yes	Yes	Yes
<b>Serialization</b>	Yes	Yes	Yes - multiple and linked
<b>Barcode</b>	128, IFT 25,	None built in	39 and 128
<b>Symbols</b>	44 on keypad	None built in	Over 500
<b>Warranty</b>	1 Year Limited Warranty Included, 360 Replacement Printer Plan Available	1 Year Limited Warranty Included	1 Year Limited Warranty Included, 360 Replacement Printer Plan Available

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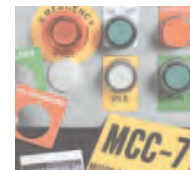
# Benchtop Printer Comparison Guide

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## Benchtop Printer Comparison Guide

Use the following comparison guide to quickly see which benchtop printer best fits your application needs.

Then turn to pages 76-152 to find out more about the printer, compatible materials and ribbons.



### Benchtop Printers Comparison Guide



**BBP®11  
Label Printer**

See Page 68



**Brady IP™  
Printer**

See Page 76



**BBP®81  
Label Printer**

See Page 78



**Bradyprinter™  
PR Plus Printer**

See Page 80



**Bradyprinter™  
PR 360 Plus Printer**

See Page 80

#### Printer Specifications

Description	Small, compact, economical entry level printer with high speed print and 300 dpi resolution.	High-performance printing with smart cell supplies allowing printer, materials, and ribbon to communicate making set-up and changeovers significantly faster, easier and less wasteful.	High-performance printer but with traditional loading, set up and calibration steps.	Heavy-duty, high speed, high volume printer in 300 dpi and 600 dpi models. Also prints on widest selection of specialty and advanced materials, and has the smallest minimum label size.	Same performance as the PR300 Plus Printer but with 6.6" max print width for larger labels.
<b>Applications &amp; Other Comments</b>	Lower volume applications requiring a small desktop footprint. Ideal for Laboratory ID, General ID, Wire and Cable ID, Lower volume electronics ID.	Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.	Mid-volume ZPL-required applications	Higher-volume applications, and accommodates thicker and specialty materials. Ideal for ADM users, wire sleeves, wire labels, electronics ID, raised panel labels, Nomex tags, and more.	Same as PR300 Plus Printer but with wider label capability.
<b>Recommended Throughput &amp; Operational Hours</b>	1000 labels/day 8 hrs/5 days	5000 labels/day 12 hrs/5 days	5000 labels / day 12 hrs / 5 days	7000 labels / day 24 hrs / 7 days	7000 labels / day 24 hrs / 7 days
<b>Print Technology</b>	Thermal Transfer and Direct Thermal	Thermal Transfer and Direct Thermal	Thermal Transfer and Direct Thermal	Thermal Transfer and Direct Thermal	Thermal Transfer and Direct Thermal
<b>Print Resolution</b>	300 dpi	300 or 600 dpi	300 dpi	300 or 600 dpi	300 dpi
<b>Max Print Speed</b>	3" per sec	8" per sec (300 dpi) 4" per sec (600 dpi)	8" per sec	9.8" per sec	9.8" per sec
<b>Max Print Width</b>	4.160"	4.160"	4.090"	4.160"	6.500"
<b>Media Widths</b>	1"-4.250"	1"-4.160"	1"-4.500"	1.000"-4.700"	2.000"-7.060"
<b>Minimum Label Dimension</b>	0.250"	0.163" **	0.500"	0.125" **	0.125" **
<b>Color Capabilities</b>	Monocolor	Monocolor	Monocolor	Monocolor	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only	PC Connect only	PC Connect only	PC Connect only	PC Connect only
<b>Connectivity Options</b>	Standard: Serial, Parallel, USB, Ethernet	Standard: Serial, Parallel, USB, Ethernet 10/100	Standard: Serial, Parallel, USB Optional: Ethernet 10/100	Standard: Serial, USB, Ethernet 10/100	Standard: Serial, USB, Ethernet 10/100
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*

#### Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Not Recommended	Acceptable (with special printer settings)	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>Nomex® Tags</b>	Not Recommended	Not Recommended	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended	Not Recommended	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® PS &amp; HT</b>	Yes (black print only)	Yes (Recommended)	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® ZH</b>	Not Recommended	Not Recommended	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® HX</b>	Yes (black print only)	Not Recommended	Not Recommended	Yes (Recommended)	Yes (Recommended)
<b>Double-Sided PermaSleeve®</b>	Yes (With 2-pass reinsert of media, black print only)	Not (Recommended)	Not Recommended	Yes (With 2-pass reinsert of media)	Yes (With 2-pass reinsert of media)

\* Test 3rd party software integration for intended application prior to purchase.

\*\* Performance dependent on label text and size of print run.

Windows® is a registered trademark of Microsoft Corporation.

Nomex® is a registered trademark of DuPont.

# Benchtop Printer Comparison Guide

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## Benchtop Printers Comparison Guide



**BBP®72  
Double Sided Printer**

See Page 82



**Wraptor™ Wire ID  
Printer/Applicator**

See Page 84



**BBP®31  
Sign & Label Printer**

See Page 154

### Printer Specifications

Description	Specialty high volume printer designed specifically for printing double-sided heat-shrink sleeves.	Specialty system that prints and applies labels to wire, cable and wire harnesses. Can use stand alone or "in-line" with cut-and-strip equipment.	Produces Facility & Safety labels for indoor and up to 10-year outdoor use. Built-in auto-tape cut-off and full smart chip enabled supplies for hassle-free drop lock and print loading and changeover.
Applications & Other Comments	High Volume PermaSleeve® Wire Marking Sleeves (Double-sided format only).	Prints & wraps self-laminating and vinyl cloth labels to wires from 0.060" to 0.600 diameter. Prints and wraps within 5 seconds	For facility ID such as signs, pipe markers, lean/5S, arc flash labels, chemical labels, equipment labels, reflective and glow-in-dark ID, tags, magnetic and panel labels. Widest selection of colored labels, colored ribbons and outdoor grade labels.
Recommended Throughput & Operational Hours	7000+ labels /day 24 hrs / 7 days	7000+ labels /day 24 hrs / 7 days	600 2"x4" labels per day 300 larger labels per day 3 hrs / 5 days
Print Technology	Thermal Transfer	Thermal Transfer	Thermal Transfer
Print Resolution	300 dpi	300 dpi	300 dpi
Max Print Speed	5" per sec	4.5-5 sec cycle	3" per sec
Max Print Width	4.160"	2.000"	4.000"
Media Widths	N/A	N/A	0.500" to 4.250"
Minimum Label Dimension	0.182"	0.250"	0.500"
Color Capabilities	Monocolor	Monocolor	Monocolor
PC Connect or Stand Alone	PC Connect only	PC Connect only	PC Connect and Stand Alone
Connectivity Options	Standard: USB, Ethernet 10/100	Standard: USB, Ethernet 10/100 Specialty Serial required for in-line Cut & Strip	Standard: USB
Compatible Software	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software,	MarkWare™ Software, Windows® based driver for 3rd party software use*

### Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Not Recommended	N/A	Yes (Recommended - available Nov. 2011)
<b>Nomex® Tags</b>	Not Recommended	N/A	N/A
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended	N/A	N/A
<b>PermaSleeve® PS &amp; HT</b>	Yes (Double-Sided Format Only)	N/A	N/A
<b>PermaSleeve® ZH</b>	Yes (Double-Sided Format Only)	N/A	N/A
<b>PermaSleeve® HX</b>	Yes (Double-Sided Format Only)	N/A	N/A
<b>Double-Sided PermaSleeve®</b>	Yes (Recommended)	N/A	N/A

\* Test 3rd party software integration for intended application prior to purchase. Windows® is a registered trademark of Microsoft Corporation.



 **Online Video & Demo:**  
[www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)

**Printer Compatibility:**

- TLS 2200® and TLS PC LINK™ Printer
- IDXPRT™ Label Printer
- BMP®71 Label Printer
- BBP®11 Label Printer
- IP™ Series Printer
- Bradyprinter™ PR Plus Printer
- BBP®72 Double-Sided Printer
- BBP®81 Label Printer
- Wraprotor™ Wire ID Printer

**Primary Applications**

- Wire and Cable Marking
- Terminal Block Marking
- Control Panel and Component Marking
- Voice and Data Equipment Labeling
- Asset Identification
- Patch Panel Identification
- Warehouse Bin and Shelf Labeling
- Rating Plate ID and General ID

## LabelMark™ Labeling Software

**Easy, efficient, cost-effective labeling!**

Brady's LabelMark™ Labeling Software offers features that make creating labels more efficient. Written specifically for identification applications in the telecommunication, laboratory and electrical markets where wire and cable marking is a constant and tedious job.

LabelMark labeling software is the easy solution for label design, editing and printing. LabelMark™ label making software is a fast system for creating new labels and printing professional, accurate and legible labels.

With built-in templates, wizards, fixed text labels and free form design, LabelMark Label Software simplifies label making in the electrical, industrial, aerospace, laboratory, and telecomm industries.

### Available software versions:

**LabelMark Standard features:**

- Quickly enter copy into fixed-line text labels
- Add images, text, shapes, and 1D, 2D barcodes to your label designs
- Import data from MS Excel spreadsheets, databases, ASCII text files
- Design custom label material formats with the interactive custom part editor
- Save label designs as templates for faster printing
- Enter text into multiple lines simultaneously in wire marking mode for easier label reading
- Fix label design errors all at once with the error checking utility
- Save time in the design by defining wire source and duplicating and reversing the order to print wire destination for faster labeling

**LabelMark Professional has all of the features of the standard version plus:**

- Insert AutoCAD documents into your label designs
- Define the print quantity per label right in the design editor
- Associate label material parts to printers in the application defaults
- Batch print multiple label files in a single job
- Group your terminal blocks, wire, pushbutton, and panel labels in customer associated job files for easy kitting and knowledge transfer to other employees
- Electrical Applications Wizards to guide you through label selections for control panel labeling, wire harness labeling, and more.

**System Requirements:**

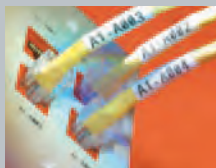
- Supported Operating Systems: Windows® Server 2000 & 2008, Windows® Vista (SP1), Windows® XP, Windows® 7
- Processor: 1GHz Pentium processor or higher
- RAM: 512 MB or higher
- Hard Disk: Up to 500 MB of available space may be required
- DVD Drive
- Display: 1024 x 768 high color, 32-bit or better

CATALOG #	DESCRIPTION
LM5PRFCD	LabelMark 5 CD-ROM Professional
LM5PROE	LabelMark 5 Professional Software - E-Media
LM5STDCD	LabelMark 5 Standard Software - CD-ROM
LM5STDE	LabelMark 5 Standard Software - E-Media

### For Wire & Cable, Laboratory and General Industrial Labeling



Wire & Cable Labeling



Voice & Data Communications



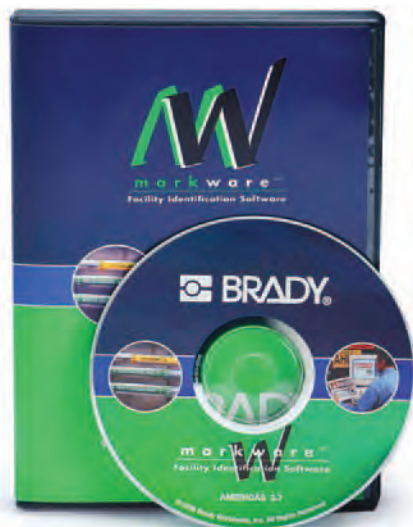
Circuit Board Labels



Control Panel Labeling



General ID ...and many more!



## MarkWare™ Facility Identification Software

All Your Safety and Facility Needs in One Powerful Package.

Brady's sign and label making software, MarkWare™ is the simple solution for do-it-yourself sign-making. Now, you can save time, save costs and create custom safety signs for your facility using Brady MarkWare™ Facility Identification Software.

Built-in library with over 1000 high-quality, scalable symbols and pictograms



### Printer Compatibility:

- BMP®71 Label Printer
- BBP®31 Sign & Label Printer
- GlobalMark®2 Industrial Printer
- MiniMark™ Industrial Label Printer
- PowerMark® Sign & Label Maker

### Primary Applications

- Facility, Safety and Maintenance ID
- Lean / 5S / Visual Workplace ID
- Pipe Marking
- Barcode Labeling
- Right to Know / Hazardous Chemical Labeling
- Lockout / Energy Source Labels
- Arc Flash Labels
- Visual Equipment Controls
- Warehouse Bin and Shelf Labeling
- General Industrial Labels

### MarkWare Standard features:

- Use your PC to quickly design professional looking signs and labels
- Print directly to a Brady labeling system or most Windows™ inkjet/laser printers
- Preformatted templates make sign and label creation quick and easy - or, customize layouts to your own specs
- Import logos and photos or create barcodes using 15 different symbologies
- Link label contents to information stored in spreadsheets and databases

### MarkWare Lean has all of the features of the standard version plus:

- New tools to support and sustain your lean transformation and lean concepts
- Achieve faster machine setups and changeovers.
- Simplify training of operators and other non-technical staff responsible for routine machine inspection and care.
- Enable more efficient route-based monitoring of numerous PM points in condition-based maintenance programs.

CATALOG #	DESCRIPTION
20711L	Markware™ Lean Tools Edition Software and Laminating Kit
20700L	Markware™ Lean Tools Edition Software Kit
20700L-UP	Markware™ Lean Tools Edition Software Upgrade
20711	Markware™ Software and Laminating Kit
20700	Markware™ Software Kit

### System Requirements:

- Supported Operating Systems: Microsoft® Windows® XP PRO (SP3), Vista Ultimate (SP2), or Windows 7 (32 or 64 bit)
- Display: Minimum 640 x 480 at 256 colors, Recommended: 1024 x 768 High Color, 32 Bit
- Processor: Minimum 400 MHz Pentium or equivalent, Recommended: 1 GHz Pentium or equivalent
- Minimum: 96 MB RAM, Recommended: 256 MB RAM
- Up to 500 MB of available hard disk space (for a complete installation) may be required
- Internet Explorer 6.0 or greater
- CD-ROM drive

## For Lean, Safety & Facility Identification Labeling



Safety Signs



Right To Know Labels



Pipe Marking



Barcode Labeling



Lean Initiatives & Visual Controls

[www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)



## CodeSoft™ Labeling Software

This enterprise-level label design software allows users to design and print custom labels for product identification and tracking. CodeSoft Barcode Software is the professional solution for the most complex barcode labeling projects. CodeSoft excels at integrating with users systems and 3rd party software.

The software provides a range of barcode label design features for any project, from easy label designs to general bar coding. Brady Labeling Software gives you the power to design and print labels with ease and flexibility. Whether you need to print text, barcodes or graphic images, fixed or variable data, user defined or database driven, Brady has the barcode and labeling software to handle all your custom label needs.

### Available software versions:

#### Codesoft RunTime:

- Print-Only version of Codesoft. Utilizes labels created in Codesoft Enterprise and limits users to print functions, including entering simple data at print time and sending a quantity of labels to a printer.

#### Codesoft Enterprise:

Most full-featured version of Codesoft. Includes all features available within Codesoft Pro with the addition of:

- Print-only and Network versions
- Additional barcode types
- Rich Text Field support
- Label preview
- RFID tag support
- Far greater command line functionality
- Available automation, security, and user interface options when coupled with other Teklynx products



**Request A Demo:**  
[www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

#### Printer Compatibility:

- BBP®11 Label Printer
- Bradyprinter™ PR Plus Printer
- IP™ Series Printer
- BBP®72 Double-Sided Printer
- BBP®81 Label Printer
- Wraptor™ Wire ID Printer

#### Codesoft Pro:

- Full WYSIWYG label design
- Linear and 2D barcode support – over 50 types available
- Advanced database connectivity for connectivity to virtually any type of database
- Support for all Unicode fonts for printing in any language

#### Primary Applications

- Terminal Block Identification
- Asset ID and Inventory Tracking
- Control Panel and Component Marking
- Voice and Data Equipment Labeling
- Circuit Board and Component Tracking
- Rating Plate Identification
- Warehouse Bin and Shelf Labeling
- Vial, Tube, and Slide Identification
- Unique Identification (DoD UID) Labeling
- And more

CATALOG #	DESCRIPTION
<b>Softkey Activation License</b>	
CS90ENTS	CodeSoft 9 Enterprise
CS90N03S	CodeSoft 9 Network 3
CS90PROS	CodeSoft 9 Pro
CS90RUNS	CodeSoft 9 Runtime
<b>USB Hardkey Dongle Included</b>	
CS90ENTU	CodeSoft 9 Enterprise
CS90N03U	CodeSoft 9 Network 3
CS90PROU	CodeSoft 9 Pro
CS90RUNU	CodeSoft 9 Runtime

#### System Requirements:

- Supported Operating Systems: Windows® XP, Windows® Server 2003 Standard, Enterprise or Datacenter edition, Windows®, Vista, Windows®, Server 2008, Windows 7, Windows 2000 is no longer supported
- Memory: 1 GB
- Hard Disk: at least 500 MB of available space
- Display: Minimum: 800 x 600 High Color -16-bit, Recommended: 1024 x 768 True Color -32-bit
- Supporting Software: Microsoft® Internet Explorer 6.0 SP1 or later, Microsoft® Data Access Components 2.8 (MDAC) or greater, Microsoft® .Net Framework 3.5, Adobe Acrobat Reader 6.0 or greater
- Additional Requirements: Parallel port if using a parallel key (hardware key), USB port if using a USB key (hardware key), Serial port if required by printer, CD-ROM drive, Mouse

## For Enterprise Level ID and 3rd Party Software Integration.



Rating Plate Identification



Voice & Data Communications



Circuit Board Labels



Control Panel Labeling



General ID ...and many more!



## NetDoc®2 Network Cable Management Software System

Know what you have, where it's located and what it's connected to...

NetDoc®2 Network Cable Management Software is a web-enabled network documentation and identification solution that can effectively increase productivity, reduce costs and improve user services.

Compliant with ANSI/TIA/EIA 606 documentation, NetDoc 2 software gives you the ability to document every aspect of your network, including horizontal and backbone cables, face plates, patch panels, racks, hardware, assets, pathways, locations, users and more.

### Document, Label, & Manage Your Network with One Easy-to-Use System

- Point-and-click management to network infrastructure
- Efficient asset management within one physical network
- Seamless integration - print directly to Brady high performance printer systems
- Trouble-free labeling of new and existing cables, ports and components
- Complete ANSI/TIA/EIA-606 compliant solution



### Complete the NetDoc®2 Network Cable Management Software with these Brady components:

- Brady LabelMark™ Labeling Software
- Brady IP™ Thermal Transfer Printer
- IDXPRT™ Labeling Printer
- TLS 2200® Thermal Transfer Printer

### Reduce Downtime and Increase Savings with Effective Network Management

- Faster planning for network growth
- Superior network support with quick and easy troubleshooting
- Shorter training time for new IT professionals
- Reduced excess spending on circuits and unneeded equipment
- Easy-to-use, adaptable software for flexible documentation choices



CATALOG #	DESCRIPTION
ND-1User	NetDoc 2 Network Documentation Cable Management Software - Single User
ND-5User	NetDoc 2 Network Documentation Cable Management Software - 5 User
ND-SITE	NetDoc 2 Network Documentation Cable Management Software - Site License

#### System Requirements - Client Version:

- Supported Operating Systems: Windows® 2000 (SP4), Windows® XP Home (SP3), Windows® Vista Business (SP1)
- Processor: 750 MHz Pentium III
- Memory: 256 MB
- Display Resolution: 1024 x 768
- Additional Requirements: Adobe® Reader v6.0 or later, Microsoft® Internet Explorer 6.0 SP1 or later, CD-ROM drive

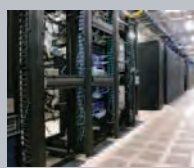
#### System Requirements - Server Version:

- Supported Operating Systems: Windows® 2000 (SP4), Windows® XP Professional (SP3), Windows® 2003 Server (SP2)
- Processor: 750 MHz Pentium III
- Memory: 1 GB
- Hard Disk Space: At least 30 GB
- Additional Requirements: Net Framework v1.1, IIS v5.0 or v6.0 installed, SQL Server 2000, 2005 or 2005 Express installed, CD-ROM drive

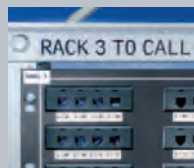
## Take Control of Your Network with NetDoc®2 Documentation Software



Wire & Cable Labeling



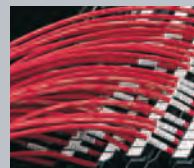
Cable Management Software



Voice & Data Equipment Labeling



Network Documentation



Inspection & Facility Management Software



...And More!

# Barcode Readers

www.BradyID.com

## Barcode Readers

Brady offers several different barcode readers solutions for your data collection and tracking applications, including basic data entry, tracking, shipping & receiving, UID initiatives, WIP and more. A variety of barcode reader accessories are available including battery chargers, detachable handles, Bluetooth equipment, reader stands and more.

View [www.BradyID.com](http://www.BradyID.com) for all available barcode reader accessories.



Recommended Package Solution	
<b>Cabled Solution</b>	
103521	CR1200 w/ 6' USB Cable
<b>High Density Solution</b>	
110980	CR1210 w/ 6' USB Cable
<b>Accessories</b>	
108373	CR1200 Stand



### Code Reader 1200™ Scanner

Simple, fast and affordable, the Code Reader 1200 (CR1200) provides the power of digital imaging technology at the lowest cost.

- Durable overmolded housing and rugged design with lanyard hook
- Reads and decodes all symbologies
- JavaScript Application Development Suite allows program development to prepare captured data for integration with enterprise software
- Firmware is field upgradable; can be remotely managed from single-source location
- Dynamic Optimization Technology continuously improves performance
- 2 cabling options: USB or RS232



Recommended Package Solution	
<b>Cabled Solution</b>	
110988	CR2500, H2 Handle, 6' USB Cable
<b>Batch Solution</b>	
110984	CR2500, BH1 Handle, 6' USB Cable
114546	Universal Mountable Charger with US Power Supply
<b>Bluetooth With Handle Solution</b>	
110983	CR2500, BH1 Handle, Bluetooth enabled
102890	Bluetooth Modem with USB Cable
114546	Universal Mountable Charger with US Power Supply
<b>Accessories</b>	
102864	BH2 Handle
63766	CR2500 Metal Stand

### Code Reader 2500™ Scanner

With new high-performance barcode reading technology, the Code Reader 2500 (CR2500) is one of the most advanced mobile barcode reader on the market today.

- Reflection/glare reducing illumination
- Reads both wide linear and 2D matrix barcodes
- Data output via Bluetooth, USB, RS232 or PS/2
- Multicolor LEDs with optimal focus and FOV indicator
- Powerful data management capability via JavaScript
- Over 10 MB of batch data and JavaScript memory
- Rapid battery replacement, multiple battery formats and recharging options
- Reads and decodes all symbologies
- Firmware is field upgradable



Recommended Package Solution	
<b>Batch Solution</b>	
110995	CR3500, BH1 Handle, USB Cable
114546	Universal Mountable Charger with US Power Supply
<b>Bluetooth With Handle Solution</b>	
110994	CR3500, BH1 Handle, Bluetooth enabled
102890	Bluetooth Modem with USB Cable
114546	Universal Mountable Charger with US Power Supply
<b>Bluetooth Without Handle Solution</b>	
110999	CR3500, Bluetooth enabled, Battery
102890	Bluetooth Modem with USB Cable
104222	Single Bay Battery Charger with US Power Supply
<b>Accessories</b>	
105023	CR3500 Metal Stand

### Code Reader 3500™ Scanner

With new high-performance barcode reading technology, a graphic display and rugged keyboard, the Code Reader 3500 (CR3500) is one of the most advanced portable data terminal on the market today.

- Reflection/glare reducing illumination
- Reads and decodes all symbologies
- Reads both wide linear and 2D matrix barcodes
- Firmware is field upgradable
- Unequaled performance on rounded, curved & shiny surfaces.
- Data output via Bluetooth, USB, RS-232 or PS2
- Multicolor LEDs with optimal focus and FOV indicator
- Powerful data management capability via JavaScript
- User feedback with vibration and/or audible tones
- Rapid battery replacement, multiple battery formats and recharging options
- Over 10 MB of batch data and JavaScript memory



# BRADY PORTABLE PRINTING

Brady offers a complete line of portable label printers designed for fast and efficient label making.

These handheld printers are ideal for barcode printing and labeling, wire and cable marking, circuit board and component labeling and work in process labeling.

With industrial strength durability, they can be taken anywhere you need to label- including the field and into a job site. Brady's portable printers are lightweight, easy-to-use and ideal for on the spot labeling in data/comm, electrical, electronics and industrial workplaces.

## Brady Portable Printing Contents

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TLS PC Link™ Thermal Labeling System .....	23
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**Look for a side by side comparison of all portable printers on page 4.**

# BMP®21 Label Printer

www.BradyID.com/bmp21

Portable Label Printers



## BMP®21 LABEL PRINTER

### MEET THE NEWEST MEMBER OF YOUR CREW

Add the BMP®21 portable label printer to your team and you'll never look back. This thermal transfer printer creates clear, legible labels with industrial-strength staying power to withstand even the harshest environments.

Simple to operate and quick to print, it's the must-have labeling tool for voice and data comm, electrical and general industrial crews. Create your labels just once, knowing they'll stay stuck and stay legible for years ahead.

#### Feature Include:

- One-handed operation, large display and backlight
- Prints on PermaSleeve® heat shrink sleeves, continuous self-laminating material and more
- Advanced serialization, barcoding, symbols and terminal block and patch panel options
- Label cutter with label retention holds printed labels until you need them
- Rugged construction...withstands a 5 ft. drop

#### BMP®21 Label Printer Specifications

<b>Label Types/ Application Functions</b>	Wire, Banner Portrait, Banner Landscape, Terminal Block Patch Panel, Fixed Length
<b>Applications</b>	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	203 dpi
<b>Print Speed</b>	10 mm / sec
<b>Color Capability</b>	Single Color Printing
<b>Max Labels per Day</b>	75 labels/day
<b>Keyboard</b>	ABC
<b>Backlit Screen</b>	Yes
<b>Portability</b>	Yes
<b>Weight</b>	1.66 lbs
<b>Power Supply</b>	6 AA's, AC Power (optional)
<b>PC Connect Printing</b>	No
<b>Stand Alone Printing</b>	Yes
<b>Compatible Software</b>	N/A
<b>Memory</b>	12 labels
<b>File Transfer from PC to printer</b>	No
<b>Continuous vs. Die Cut Labels</b>	Continuous Labels Only
<b>Materials Supported</b>	Continuous, 43 Stock Parts
<b>Tape Widths</b>	0.375", 0.500", 0.750"
<b>Max Label Width</b>	0.750"
<b>Max Print Width</b>	N/A
<b>Label Roll Length</b>	21 ft
<b>Text Sizes</b>	6 (6 to 40 pt)
<b>Multi-Line Print</b>	Yes
<b>Print Rotation</b>	No
<b>Serialization</b>	Yes
<b>Barcode</b>	39 and 128
<b>Symbols</b>	80
<b>Warranty</b>	1 Year Limited Warranty Included



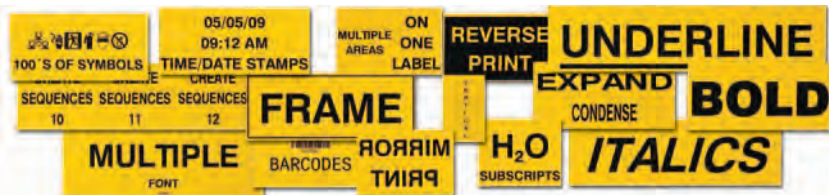
#### Your Complete Printing Solution:

BMP21 Label Rolls with self-contained print ribbon ..... Page 15

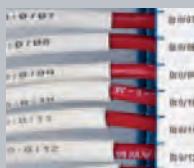
#### BMP®21 Label Printer & Accessories

Part Number	Description
BMP21	BMP21 Label Printer*
BMP21-HC	BMP21 Hard Case
BMP21-MAGNET	Magnet Only Accessory
BMP21-TOOL*	Multi-functional Tool Accessory**
BMP21-AC	BMP21 AC Adapter

\* Printer purchase included 1 year Limited Warranty.  
 \*\*Tool Accessory includes magnet, flashlight, polestrap, stand and beltloop.



### An affordable label and wire marker designed for the tool box



Electrical Labeling



Voice & Data Communications



General ID



PermaSleeve® Wire Marking Sleeves



Self-Laminating Labels



Safety Labels ...and many more!

BMP®21 Label Printer

## Indoor/Outdoor Vinyl Tape

- **B-595 Vinyl Tape** - Super-tough and perfect for voice, data, audio, video, HVAC control, bins, safety and electrical applications.



Color		0.375" x 21' (9.530 mm x 6.400 m)	0.500" x 21' (12.700 mm x 6.400 m)	0.750" x 21' (19.050 mm x 6.400 m)
Black on White		M21-375-595-WT	M21-500-595-WT	M21-750-595-WT
Black on Yellow		M21-375-595-YL	M21-500-595-YL	M21-750-595-YL
White on Red		M21-375-595-RD	M21-500-595-RD	M21-750-595-RD
White on Blue		M21-375-595-BL	M21-500-595-BL	M21-750-595-BL
White on Green		M21-375-595-GN	M21-500-595-GN	M21-750-595-GN
Black on Orange		M21-375-595-OR	M21-500-595-OR	M21-750-595-OR

Note: As of March 2011, B-580 material has been replaced by B-595 material. The updated part numbers are shown in table above. For example: part number "M21-375-580-WT" has been replaced with "M21-375-595-WT".



## Self-Laminating Wire Markers

### B-427 Self-Laminating Vinyl Labels

- Excellent water, oil and abrasion resistance.

Part Number	Material	Color	Label Width
M21-750-427*	B-427	Black on White	0.75" x 14' (19.05 mm x 4.27 m)
M21-1000-427*	B-427	Black on White	1.00" x 14' (25.40 mm x 4.27 m)
M21-1250-427*	B-427	Black on White	1.25" x 14' (31.75 mm x 4.27 m)
M21-1500-427*	B-427	Black on White	1.50" x 14' (38.10 mm x 4.27 m)

\*not compatible in the ID PAL™ Printer.



## PermaSleeve® Wire Marker Sleeves

### B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

- Continuous Cut-to-Length Heat Shrinkable Sleeves.

Part Number	Material	Color	Size
M21-125-C-342*	B-342	Black on White	0.235" x 7' (5.970 mm x 2.13 m)
M21-187-C-342	B-342	Black on White	0.335" x 7' (8.510 mm x 2.13 m)
M21-250-C-342	B-342	Black on White	0.439" x 7' (11.150 mm x 2.13 m)
M21-375-C-342	B-342	Black on White	0.645" x 7' (16.380 mm x 2.13 m)

\*not compatible in the ID PAL™ Printer.



## Nylon Cloth

**B-499 Nylon Cloth Labels** - Permanent adhesive for wire, cable, patch panels, faceplates and terminal blocks.

Part Number	Material	Color	Description
<b>For wire, cable, patch panels and faceplates.</b>			
M21-375-499	B-499	Black on White	0.375" x 16' (9.530 mm x 4.88 m)
M21-500-499	B-499	Black on White	0.500" x 16' (12.700 mm x 4.88 m)
M21-750-499	B-499	Black on White	0.750" x 16' (19.050 mm x 4.88 m)
<b>For terminal blocks</b>			
M21-375-499-TB	B-499	Black on White	0.375" x 16' (9.530 mm x 4.88 m)
M21-500-499-TB	B-499	Black on White	0.500" x 16' (12.700 mm x 4.88 m)



## Polyester

### • B-423 Polyester Labels and B-430 Polyester Labels

- For instruments, racks and bins

Part Number	Material	Color	Description
M21-375-423	B-423	Black on White	0.375" x 21' (9.530 mm x 6.400 m)
M21-500-423	B-423	Black on White	0.500" x 21' (12.700 mm x 6.400 m)
M21-750-423	B-423	Black on White	0.750" x 21' (19.050 mm x 6.400 m)
M21-375-430	B-430	Black on Clear	0.375" x 21' (9.530 mm x 6.400 m)
M21-500-430	B-430	Black on Clear	0.500" x 21' (12.700 mm x 6.400 m)
M21-750-430	B-430	Black on Clear	0.750" x 21' (19.050 mm x 6.400 m)



### BMP®21 Label Printer - Did You Know?

1. The necessary print ribbons for the BMP®21 Label Printer are self-contained within the label roll cartridge. So there's no need to order or load separate print ribbons!
2. BMP®21 consumables are also compatible with the ID Pal™ Label Printer unless otherwise noted..



# IDXPERT™ Handheld Labeler

www.BradyID.com/idxpert

Portable Label Printers



### More Types of Labels

- Colored Continuous tapes for equipment ID and safety warnings
- PermaSleeve® wire marker sleeves
- Self-Laminating wire & cable markers
- Terminal block, patch panel, faceplate & outlet markers
- General-purpose industrial die-cut labels

### More Sizes

- Prints from .06" up to 1.25" characters on label stock up to 1.5" wide

### More Symbols

- Code 39 and 128 bar codes
- 82 symbols including electrical, voice/data, safety & protection, warning, and machine & operational

### More Brains

- Drop Lock & Go™ Smart Cartridges™ are fast to install and remove
- Electronically pre-calibrated to orient the label the way you need it with no special keys to press
- Print stand-alone or from a PC (with optional Brady LabelMark™ software)
- Memory to store frequently used set-ups

### Prints Clean & Fast

- Users of dot-matrix printers benefit from crisp, non-smearing thermal transfer print quality, faster print speed and more text-editing and symbols capabilities

### Less Waste

- Edge-to-edge printing on continuous tapes so you don't pay for unused label material
- Die-cut labels are pre-cut to the size you need

 **Online Video:**  
[www.BradyID.com/idxpert](http://www.BradyID.com/idxpert)

**Your Complete Printing Solution:**  
IDXPERT Label Rolls with self-contained print ribbon ..... Page 18-21

Brady's IDXPERT™ Handheld Labeler is the ideal tool for affordable, on-the-spot labeling in datacomm, electrical, and industrial workplaces. This 300 dpi thermal transfer label printing creates die-cut labels, self-laminating labels, sleeves and continuous tape labels.

## Three Versions Available:

- "Qwerty" keyboard layout style
- "ABC" handheld style
- "Continuous Only" version only prints on continuous lengths of material.

Part Number	Description
XPERT-ABC	Printer* - ABC Layout
XPERT-KEY	Printer* - KEYBOARD Layout
XPERT-CONT	Printer* - Continuous Printing Only
XPERT-HC-ABC	Hard Case for ABC Layout
XPERT-HC-KEY	Hard Case for KEYBOARD Layout
XPERT-AC	AC Adapter
LABXPERT-SER-USB	Serial-to-USB adapter for PC cable
PCCABLE-1	Spare PC Cable for Upgrades Only
PCK-4	Cleaning Kit
LM5STDE	LabelMark™5 Software (single user)
XPERT-ABC-KIT-LM	Printer* ABC Layout and LabelMark™5 Standard Software Kit
XPERT-KEY-KIT-LM	Printer* Keyboard Layout and LabelMark™5 Standard Software Kit

\*Printer purchase included Hard Case, 1.5" Continuous Sample Roll Tape, PC cable, Product CD and 1 year Limited Warranty.

IDXPERT™ Handheld Labeler

## Let the IDXPERT portable printer work for you.



Voice & Data Communications



PermaSleeve® Wire Marking Sleeves



Terminal Blocks



Self-Laminating Labels



Patch Panel & Faceplates



General ID ...and many more!

# IDXPERT™ Continuous Only Printer

www.BradyID.com/idxpert



## The latest addition to Brady's line of Handheld Printers



The IDXPERT™ Continuous Only Portable Label Printer is an economical version of the IDXPERT Portable Label Printer that prints on continuous labeling tape only. Ideal for datacomm, wire labeling, material handling, electrical construction and other general identification needs where the full die-cut functionality of the standard version is not needed.

### ! Upgrade Your IDXPERT

If you own an IDXPERT™ Continuous Only Portable Label Printer but would like to upgrade to the full die-cut and continuous printing functionality of the standard IDXPERT Portable Label Printer, a downloadable upgrade is available for purchase. Simply call Brady Technical Support at 800-643-8766 and ask for the IDXPERT™ Continuous Only Portable Label Printer Upgrade.

Printer Specifications	IDXPERT™ Continuous Only Labeler	IDXPERT™ Handheld Labeler
<b>Label Types/ Application Functions</b>	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length
<b>Applications</b>	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking	Data Communications Labeling, Facility, Safety & Maintenance Identification, General & Industrial Labeling, Panel Identification, Wire & Cable Marking
<b>Print Technology</b>	Thermal Transfer	Thermal Transfer
<b>Print Resolution</b>	300 dpi	300 dpi
<b>Print Speed</b>	10 mm / sec	10 mm / sec
<b>Color Capability</b>	Single Color Printing	Single Color Printing
<b>Max Labels per Day</b>	250 labels/day	250 labels/day
<b>Keyboard</b>	ABC	ABC and Qwerty
<b>Backlit Screen</b>	No	No
<b>Portability</b>	Yes	Yes
<b>Weight</b>	2.4 lbs	2.4 lbs
<b>Power Supply</b>	6 AA's, AC Power (optional)	6 AA's, AC Power (optional)
<b>PC Connect Printing</b>	Yes - USB	Yes - USB
<b>Stand Alone Printing</b>	Yes	Yes
<b>Compatible Software</b>	Labelmark™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Windows® based driver for 3rd party software use*
<b>Memory</b>	10 labels	10 labels
<b>File Transfer from PC to printer</b>	No	No
<b>Continuous vs. Die Cut Labels</b>	Continuous Labels Only	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, 50+ Stock Parts	Continuous, Die Cut, 140+ Stock Parts
<b>Tape Widths</b>	0.250", 0.318", 0.375", 0.475", 0.500", 0.625", 0.750", 1.000", 1.500"	0.250", 0.318", 0.375", 0.475", 0.500", 0.625", 0.750", 1.000", 1.500"
<b>Max Label Width</b>	1.500"	1.500"
<b>Max Print Width</b>	1.250"	1.250"
<b>Label Roll Length</b>	30 ft	30 ft
<b>Text Sizes</b>	11 (7 to 128 pt)	11 (7 to 128 pt)
<b>Multi-Line Print</b>	Yes	Yes
<b>Print Rotation</b>	Yes	Yes
<b>Serialization</b>	Yes	Yes
<b>Barcode</b>	39 and 128	39 and 128
<b>Symbols</b>	82	82
<b>Warranty</b>	1 Year Limited Warranty Included	1 Year Limited Warranty Included

Windows® is a registered trademark of Microsoft Corporation.

## Indoor/Outdoor Labels for General, Lean, Facility & Safety ID

For bins, drawers, tools, equipment and components inside of panels.

- **B-422 Polyester Labels** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.
- **B-428 Polyester Labels** - Permanent adhesive, silver finish. Temp. Range: -40°F to 176°F (-40°C to 80°C). UL recognized.
- **B-483 Polyester Labels** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.
- **B-499 Nylon Cloth Labels** - Permanent adhesive. Pliable for rough or smooth surfaces. Temp. Range: -94°F to 194°F (-70°C to 90°C). UL recognized.
- **B-595 Indoor/Outdoor Vinyl Film** - Permanent adhesive, very pliable, good for rough surfaces and outdoor use, wide range of colors. Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.

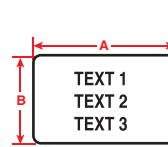


Figure 29

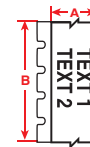


Figure 33

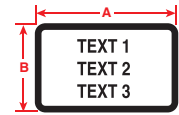


Figure 46  
(Includes black border)

Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-422 Polyester Labels</b>							
Fig. 29	X-7-422	B-422	Polyester	BK on WT	0.500 (12.7)	0.500 (12.7)	350
Fig. 29	X-19-422	B-422	Polyester	BK on WT	1.000 (25.4)	1.000 (25.4)	250
Fig. 29	X-132-422	B-422	Polyester	BK on WT	1.500 (38.1)	1.250 (31.8)	250
Fig. 29	X-30-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.750 (19.1)	250
<b>B-428 Polyester Labels</b>							
Fig. 29	X-17-428-SV-BK	B-428	Polyester	BK on SV	1.000 (25.4)	0.500 (12.7)	500
Fig. 46	X-24-428-SVBB-BK	B-428	Polyester	BK on SV	1.130 (28.7)	0.500 (12.7)	500
Fig. 29	X-29-428-SV-BK	B-428	Polyester	BK on SV	1.500 (38.1)	0.500 (12.7)	500
Fig. 29	X-30-428-SV-BK	B-428	Polyester	BK on SV	1.500 (38.1)	0.750 (19.1)	325
Fig. 29	X-20-428-SV-BK	B-428	Polyester	BK on SV	2.000 (50.8)	1.000 (25.4)	100
<b>B-483 Polyester Labels</b>							
Fig. 29	X-17-483	B-483	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-20-483	B-483	Polyester	BK on WT	2.000 (50.8)	1.000 (25.4)	100
Fig. 29	X-61-483	B-483	Polyester	BK on WT	2.000 (50.8)	0.500 (12.7)	100
<b>B-499 Nylon Cloth Labels Labels</b>							
Fig. 33	XC-375-499	B-499	Nylon Cloth	BK on WT	0.375 (9.5)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 33	XC-500-499	B-499	Nylon Cloth	BK on WT	0.500 (12.7)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-11-499	B-499	Nylon Cloth	BK on WT	0.750 (19.1)	0.500 (12.7)	275
Fig. 33	XC-750-499	B-499	Nylon Cloth	BK on WT	0.750 (19.1)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-84-499	B-499	Nylon Cloth	BK on WT	0.900 (22.9)	0.500 (12.7)	250
Fig. 33	XC-1000-499	B-499	Nylon Cloth	BK on WT	1.000 (25.4)	20 ft. (6.1 m)	1 roll (cont.)
Fig. 29	X-130-499	B-499	Nylon Cloth	BK on WT	1.500 (38.1)	0.750 (19.1)	300
Fig. 29	X-162-499	B-499	Nylon Cloth	BK on WT	1.500 (38.1)	0.500 (12.7)	165
<b>B-595 Indoor/Outdoor Vinyl Film</b>							
Fig. 33	XC-500-595-BL-WT	B-595	Vinyl	WT on BL	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-CL-BK	B-595	Vinyl	BK on CL	0.500 (12.7)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-500-595-GN-WT	B-595	Vinyl	WT on GN	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-OR-BK	B-595	Vinyl	BK on OR	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-RD-WT	B-595	Vinyl	WT on RD	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-WT-BK	B-595	Vinyl	BK on WT	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-WT-RD	B-595	Vinyl	RD on WT	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-500-595-YL-BK	B-595	Vinyl	BK on YL	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-BL-WT	B-595	Vinyl	WH on BL	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-CL-BK	B-595	Vinyl	BK on CL	0.750 (19.1)	25 ft. (7.6 m)	1 roll (cont.)
Fig. 33	XC-750-595-GN-WT	B-595	Vinyl	WH on GN	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-OR-BK	B-595	Vinyl	BK on OR	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-RD-WT	B-595	Vinyl	RD on WT	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-WT-BK	B-595	Vinyl	BK on WT	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-WT-RD	B-595	Vinyl	WH on RD	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-750-595-YL-BK	B-595	Vinyl	BK on YL	0.750 (19.1)	30 ft. (9.1 m)	1 roll (cont.)

Note: As of March 2011, B-580 material has been replaced by B-595 material. The updated part numbers are shown in table above. For example: part number "XC-750-580-RD-WT" has been replaced with "XC-750-595-RD-WT".

Indoor/Outdoor labels continued on next page.

## Indoor/Outdoor Labels for General, Lean, Facility & Safety ID

Continued from previous page.

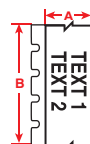


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-595 Indoor/Outdoor Vinyl Film (continued)</b>							
Fig. 33	XC-1000-595-BL-WT	B-595	Vinyl	WT on BL	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-CL-BK	B-595	Vinyl	BK on CL	1.000 (25.4)	25 ft. (7.6)	1 roll (cont.)
Fig. 33	XC-1000-595-GN-WT	B-595	Vinyl	WT on GN	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-OR-BK	B-595	Vinyl	BK on OR	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-RD-WT	B-595	Vinyl	WT on RD	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-WT-BK	B-595	Vinyl	BK on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-WT-RD	B-595	Vinyl	RD on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-YL-BK	B-595	Vinyl	BK on YL	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-BL-WT	B-595	Vinyl	WT on BL	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-CL-BK	B-595	Vinyl	BK on CL	1.500 (38.1)	25 ft. (7.6)	1 roll (cont.)
Fig. 33	XC-1500-595-GN-WT	B-595	Vinyl	WT on GN	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-OR-BK	B-595	Vinyl	BK on OR	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-RD-WT	B-595	Vinyl	WT on RD	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-WT-BK	B-595	Vinyl	BK on WT	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-WT-RD	B-595	Vinyl	RD on WT	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-YL-BK	B-595	Vinyl	BK on YL	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)

Note: As of March 2011, B-580 material has been replaced by B-595 material. The updated part numbers are shown in table above.

For example: part number "XC-750-580-RD-WT" has been replaced with "XC-750-595-RD-WT".

## Adhesive Wrap-Around Wire Markers

- Printer automatically "multiple repeats" your text for 360° legend
- **B-498 Repositionable Vinyl Cloth Labels** - Special adhesive stays put, but marker can be removed and reapplied if necessary.  
Temp Range -40°F to 175°F (-40°C to 70°C). UL Recognized.

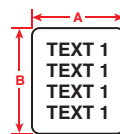


Figure 31



Diagram	Part Number	B#	Material	Color	Approx. Wire Gauge*	Max Wire Dia. Inch (mm)	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-498 Repositionable Vinyl Cloth Labels</b>									
Fig. 31	X-7-498	B-498	Vinyl Cloth	BK on WT	22-16	0.11 (2.8)	0.500 (12.7)	0.500 (12.7)	300
Fig. 31	X-11-498	B-498	Vinyl Cloth	BK on WT	16-10	0.16 (4.0)	0.500 (12.7)	0.750 (19.1)	275
Fig. 31	X-163-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	0.500 (12.7)	1.000 (25.4)	225
Fig. 31	X-162-498	B-498	Vinyl Cloth	BK on WT	10-4	0.32 (6.9)	0.500 (12.7)	1.500 (38.1)	165
Fig. 31	X-19-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	1.000 (25.4)	1.000 (25.4)	200
Fig. 31	X-18-498	B-498	Vinyl Cloth	BK on WT	12-10	0.21 (5.3)	0.750 (19.1)	1.000 (25.4)	225
Fig. 31	X-103-498	B-498	Vinyl Cloth	BK on WT	10-4	0.27 (6.9)	1.000 (25.4)	1.250 (31.8)	200
Fig. 31	X-31-498	B-498	Vinyl Cloth	BK on WT	10-4	0.32 (6.9)	1.000 (25.4)	1.500 (38.1)	165
Fig. 31	X-21-498	B-498	Vinyl Cloth	BK on WT	3 Gauge - 2/0	0.53 (13.5)	1.000 (25.4)	2.500 (63.5)	95
Fig. 31	X-23-498	B-498	Vinyl Cloth	BK on WT	3/0 - 400Kcmil	0.85 (21.6)	1.000 (25.4)	4.000 (101.6)	60

\*Approx. wire gauge based on AWG for THHN wire.

## PermaSleeve® Wire Marking Sleeves

### B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5 (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized

Tested per: ASTM E162 and ASTM E662

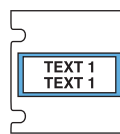


Figure 44

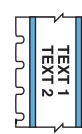


Figure 58



Diagram	Part Number	Material	Color	Approx. Wire Gauge*	Range of Wire Dia. Inch (mm)	Min.	Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Width Inch (mm)	Sleeves per Roll
<b>B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves</b>												
Fig. 58	XPS-125-CONT	B-342	BK on WT	22 to 16	0.046 (1.2) - 0.110 (2.8)			0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (5.9)	8' (2.45m)
Fig. 58	XPS-125-CONT-YL-BK	B-342	BK on YL	22 to 16	0.046 (1.2) - 0.110 (2.8)			0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (5.9)	8' (2.45m)
Fig. 58	XPS-187-CONT	B-342	BK on WT	22 to 16	0.062 (1.6) - 0.150 (3.8)			0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.0)	8' (2.45m)
Fig. 58	XPS-187-CONT-YL-BK	B-342	BK on YL	20 to 10	0.062 (1.6) - 0.150 (3.8)			0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.0)	8' (2.45m)
Fig. 58	XPS-250-CONT	B-342	BK on WT	16 to 8	0.094 (2.4) - 0.215 (5.5)			0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	8' (2.45m)
Fig. 58	XPS-250-CONT-YL-BK	B-342	BK on YL	16 to 8	0.094 (2.4) - 0.215 (5.5)			0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	8' (2.45m)
Fig. 58	XPS-375-CONT	B-342	BK on WT	12 to 4	0.125 (3.2) - 0.320 (8.13)			0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.645 (16.4)	8' (2.45m)
Fig. 44	XPS-125-1	B-342	BK on WT	22 to 16	0.046 (1.2) - 0.110 (2.8)			0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	100
Fig. 44	XPS-187-1	B-342	BK on WT	22 to 16	0.062 (1.6) - 0.150 (3.8)			0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	100
Fig. 44	XPS-250-1	B-342	BK on WT	16 to 8	0.094 (2.4) - 0.215 (5.5)			0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	100
Fig. 44	XPS-375-1	B-342	BK on WT	12 to 4	0.125 (3.2) - 0.320 (8.13)			0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	100

\*Approx. wire gauge based on AWG for THHN wire.

Full material descriptions on pages 164-170 and UL recognized materials on page 172.

## Self-Laminating Wire and Cable Markers

Ideal for marking wire and voice/data cabling, this marker features a clear, non-printed area which wraps around and overlaminates the printed text. Printer automatically "multiple repeats" your text in the white print area.

- **B-427 Self-Laminating Vinyl Labels** - Resistant to abrasion, water, oil and solvents. Temp range -40°F to 158°F (-40°C to 70°C), UL recognized

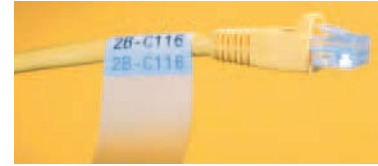
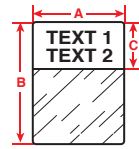


Figure 42

### Self-Laminating Wire Markers

Diagram	Part Number	Material	Color	Approx. Wire Gauge*	Max Wire Dia. Inch (mm)	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels/Roll
<b>B-427 Self-Laminating Vinyl Labels</b>									
Fig. 42	XSL-11-427	B-427	BK on WT	16-10	0.160 (4.0)	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	500
Fig. 42	XSL-96-427	B-427	BK on WT	16-10	0.160 (4.0)	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	250
Fig. 42	XSL-17-427	B-427	BK on WT	12-10	0.210 (5.3)	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	500
Fig. 42	XSL-18-427	B-427	BK on WT	12-10	0.210 (5.3)	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	250
Fig. 42	XSL-19-427	B-427	BK on WT	12-10	0.210 (5.3)	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	250
Fig. 42	XSL-102-427	B-427	BK on WT	10-4	0.270 (6.9)	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	250
Fig. 42	XSL-103-427	B-427	BK on WT	10-4	0.270 (6.9)	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	250
Fig. 42	XSL-115-427	B-427	BK on WT	10-4	0.270 (6.9)	1.500 (38.1)	1.250 (31.8)	0.500 (12.7)	250
Fig. 42	XSL-29-427	B-427	BK on WT	10-4	0.320 (8.1)	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	450
Fig. 42	XSL-30-427	B-427	BK on WT	10-4	0.320 (8.1)	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-31-427	B-427	BK on WT	10-4	0.320 (8.1)	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-31-427-YL-BK	B-427	BK on YL	10-4	0.320 (8.1)	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-32-427	B-427	BK on WT	10-4	0.320 (8.1)	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	227
Fig. 42	XSL-21-427-YL-BK	B-427	BK on YL	3 Gauge-2/0	0.530 (13.5)	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-21-427	B-427	BK on WT	3 Gauge-2/0	0.530 (13.5)	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-116-427	B-427	BK on WT	3 Gauge-2/0	0.530 (13.5)	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-23-427	B-427	BK on WT	3/0-400 kcmil	0.850 (22.0)	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	85
Fig. 42	XSL-23-427-YL-BK	B-427	BK on YL	3/0-400 kcmil	0.850 (22.0)	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 42	XSL-33-427	B-427	BK on WT	3/0-400 kcmil	0.850 (22.0)	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	85
Fig. 42	XSL-34-427	B-427	BK on WT	500-900 kcmil	1.30 (33.0)	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	50

\*Approx. wire gauge based on AWG for THHN wire.

### Self-Laminating Voice and Data Comm Cable Markers

Diagram	Part Number	Material	Color	Sized To Fit	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels/Roll
<b>B-427 Self-Laminating Vinyl Labels</b>								
Fig. 42	XSL-19-427	B-427	BK on WT	2 pair Fiber/Coaxial, Single/Multi Mode	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	250
Fig. 42	XSL-102-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	250
Fig. 42	XSL-103-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	250
Fig. 42	XSL-115-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	1.500 (38.1)	1.250 (31.8)	0.500 (12.7)	250
Fig. 42	XSL-29-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	500
Fig. 42	XSL-30-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-31-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-31-427-YL-BK	B-427	BK on YL	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-32-427	B-427	BK on WT	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	250
Fig. 42	XSL-21-427	B-427	BK on WT	25 pair Copper, 4-12 pair Fiber, Coaxial	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-21-427-YL-BK	B-427	BK on YL	25 pair Copper, 4-12 pair Fiber, Coaxial	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-116-427	B-427	BK on WT	25 pair Copper, 4-12 pair Fiber, Coaxial	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	100
Fig. 42	XSL-23-427	B-427	BK on WT	50 pair Copper, 24 pair Fiber, Backbone	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 42	XSL-23-427-YL-BK	B-427	BK on YL	50 pair Copper, 24 pair Fiber, Backbone	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	100
Fig. 42	XSL-33-427	B-427	BK on WT	50 pair Copper, 24 pair Fiber, Backbone	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	100
Fig. 42	XSL-34-427	B-427	BK on WT	100 pair Copper, 36 pair Fiber, Backbone	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	50

## Terminal Block Markers

Specially designed narrow-width markers automatically set to fixed spacing and separation between leg ends and automatically rotate to top-down orientation for perfect alignment on terminal blocks.

- **B-498 Repositionable Vinyl Cloth Labels** - Temp Range -40°F to 248°F (-40°C to 120°C), UL Recognized

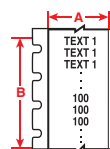


Figure 30

Diagram	Part Number	B#	Material	Color	Width of Strip Inch (mm)	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-498 Repositionable Vinyl Cloth Labels</b>								
Fig. 30	XC-240-498	B-498	Vinyl Cloth	BK on WT	0.240 (6.1) wide	0.240 (6.1)	20 ft. (7.9 m)	1 roll (cont.)
Fig. 30	XC-318-498	B-498	Vinyl Cloth	BK on WT	0.318 (8.1) wide	0.318 (8.1)	20 ft. (7.9 m)	1 roll (cont.)
Fig. 30	XC-375-498	B-498	Vinyl Cloth	BK on WT	0.375 (9.5) wide	0.375 (9.5)	20 ft. (7.9 m)	1 roll (cont.)

## Voice & Data Comm Labels for Patch Panel, Outlet & Faceplates

- **B-422 Polyester Labels** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.

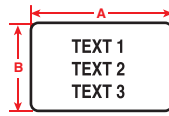


Figure 29

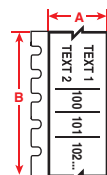


Figure 59



Diagram	Part Number	B#	Material	Color	Sized To Fit	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-422 Polyester Labels</b>								
Fig. 29	X-7-422	B-422	Polyester	BK on WT	Label Each Port	0.500 (12.700)	0.500 (12.700)	350
Fig. 59	XC-375-422	B-422	Polyester	BK on WT	Label Punch Blocks or Multiple Ports on Cont. Tape	0.375 (9.530)	30 ft. (9.140 m)	1 roll (cont.)
Fig. 59	XC-475-422	B-422	Polyester	BK on WT	Label Punch Blocks or Multiple Ports on Cont. Tape	0.475 (12.070)	30 ft. (9.140 m)	1 roll (cont.)
Fig. 29	X-17-422	B-422	Polyester	BK on WT	Label Faceplate	1.000 (25.400)	0.500 (12.700)	500
Fig. 29	X-29-422	B-422	Polyester	BK on WT	Label Faceplate	1.500 (38.100)	0.500 (12.700)	500

## Voice & Data Comm Labels For Racks, Bays, Frames, Public Network & Data Centers

- **B-422 Polyester Labels** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.
- **B-483 Polyester Labels** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.
- **B-595 Indoor/Outdoor Vinyl Film** - Permanent adhesive, very pliable, good for rough surfaces and outdoor use, wide range of colors. Temp. Range: -40°F to 248°F (-40°C to 120°C). UL recognized.

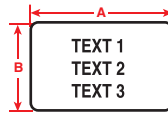


Figure 29



Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll
<b>B-422 Polyester Labels</b>							
Fig. 29	X-17-422	B-422	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-29-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.500 (12.7)	500
Fig. 29	X-30-422	B-422	Polyester	BK on WT	1.500 (38.1)	0.750 (19.1)	250
Fig. 29	X-19-422	B-422	Polyester	BK on WT	1.000 (25.4)	1.000 (25.4)	250
Fig. 33	XC-1000-422	B-422	Polyester	BK on WT	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
<b>B-483 Polyester Labels</b>							
Fig. 29	X-17-483	B-483	Polyester	BK on WT	1.000 (25.4)	0.500 (12.7)	500
Fig. 29	X-61-483	B-483	Polyester	BK on WT	2.000 (50.8)	0.500 (12.7)	100
Fig. 29	X-20-483	B-483	Polyester	BK on WT	2.000 (50.8)	1.000 (25.4)	100
<b>B-595 Indoor/Outdoor Vinyl Film</b>							
Fig. 33	XC-500-595-YL-BK*	B-595	Vinyl	BK on YL*	0.500 (12.7)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1000-595-YL-BK*	B-595	Vinyl	BK on YL*	1.000 (25.4)	30 ft. (9.1 m)	1 roll (cont.)
Fig. 33	XC-1500-595-YL-BK*	B-595	Vinyl	BK on YL*	1.500 (38.1)	30 ft. (9.1 m)	1 roll (cont.)

\*also available in Red, Orange, Green, Blue, White, and Clear.



### IDXPERT Print Ribbons - Did You Know?

Did you know that the necessary print ribbons for the IDXPERT™ Handheld Labeler are self-contained within the label roll cartridge? So there's no need to order or load separate print ribbons!



# TLS 2200<sup>®</sup> Thermal Label Printer

www.BradyID.com/tls2200



Portable Label Printers



Brady's TLS2200<sup>®</sup> Thermal Label Printer is a rugged, portable, and easy-to-use labeling solution. With crisp, thermal-transfer quality printing and a variety of durable materials, you can create custom labels for the most demanding applications including product bar code ID, electrical and datacomm marking, laboratory ID, security ID, and more.

- Permanent, Quick, Crisp Labels
- Built-in Electrical and Voice/Data Symbols
- Autotext Sizing TLS 2200<sup>®</sup> reads your label size and style, selects the most suitable type size, and instantly registers it for printing
- Variable Font Sizes from 1 (4 pt) to 19 (72 pt)



### Your Complete Printing Solution:

TLS 2200 Label Rolls..... Page 24-52  
 TLS 2200 Print Ribbons..... Page 53

Part Number	Description
TLS2200	Printer*
113340	Printer* with Brady <sup>®</sup> 360 Plan
TLS2200-AC	AC Power Supply
TLSHM-QUICKCH	Battery Quick Charger

\*Printer purchase includes hard case, battery pack, battery charger, test labels (PTL-19-423), R6210 ribbon, cleaning strip, communications cable, manual, Quick Start Guide and 1 year Limited Warranty.



TLS 2200 Printer Specifications	
<b>Label Types/ Application Functions</b>	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length
<b>Applications</b>	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance ID, General & Industrial Labeling, Healthcare ID, Laboratory ID, Panel ID, Security ID, Wire & Cable Marking
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	203 dpi
<b>Print Speed</b>	12 mm/sec
<b>Color Capability</b>	Single Color Printing
<b>Max Labels per Day</b>	750 labels/day
<b>Keyboard</b>	ABC
<b>Backlit Screen</b>	No
<b>Portability</b>	Yes
<b>Weight</b>	2.75 lbs
<b>Power Supply</b>	Rechargeable Battery, AC Power (optional)
<b>PC Connect Printing</b>	Yes - Serial
<b>Stand Alone Printing</b>	Yes
<b>Compatible Software</b>	Labelmark <sup>™</sup> Software, Windows <sup>®</sup> based driver for 3rd party software use*
<b>Memory</b>	21,000 characters, 10 label lists
<b>File Transfer from PC to printer</b>	No
<b>Continuous vs. Die Cut Labels</b>	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, Die Cut, Bulk, Over 500 stock parts/custom
<b>Tape Widths</b>	Various sizes from 0.250" to 2.000"
<b>Max Label Width</b>	2.000"
<b>Max Print Width</b>	1.810"
<b>Label Roll Length</b>	50 ft/ 500 ft bulk
<b>Text Sizes</b>	1 to 19 (4 to 72 pt)
<b>Multi-Line Print</b>	Yes
<b>Print Rotation</b>	Yes
<b>Serialization</b>	Yes
<b>Barcode</b>	128, IFT 25,
<b>Symbols</b>	44 on keypad
<b>Warranty</b>	1 Year Limited Warranty Included, 360 Replacement Printer Plan Available

### Brady 360<sup>®</sup> Replacement Printer Plan

supplements the Limited Warranty already included with your printer purchase. This Replacement Plan allows you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

\*Printheads are covered. \*Limit of two printers in the first 12 months of initial purchase.



## Create Custom Labels In Seconds



Wire & Cable Labeling



Voice & Data Communications



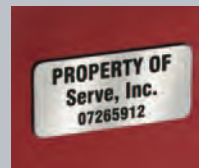
Industrial Barcode Labels



Asset ID



Circuit Board Labels



General ID  
...and many more!

# TLS PC Link™ Thermal Labeling System

www.BradyID.com/tls2200

## TLS 2200 Printer Specifications

<b>Label Types/ Application Functions</b>	Banner Portrait, Banner Landscape, Wire, Patch Panel, Terminal Block, Desi Strip, Fixed Length
<b>Applications</b>	Circuit Board Labeling, Data Communications Labeling, Safety & Maintenance ID, General & Industrial Labeling, Healthcare ID, Laboratory ID, Panel ID, Security ID, Wire & Cable Marking
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	203 dpi
<b>Print Speed</b>	12 mm/sec
<b>Color Capability</b>	Single Color Printing
<b>Max Labels per Day</b>	750 labels/day
<b>Keyboard</b>	None
<b>Backlit Screen</b>	No
<b>Portability</b>	No
<b>Weight</b>	2.50 lbs
<b>Power Supply</b>	Rechargeable Battery, AC Power (optional)
<b>PC Connect Printing</b>	Yes - Serial
<b>Stand Alone Printing</b>	No
<b>Compatible Software</b>	Labelmark™ Software, Windows® based driver for 3rd party software use*
<b>Memory</b>	None
<b>File Transfer from PC to printer</b>	No
<b>Continuous vs. Die Cut Labels</b>	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, Die Cut, Bulk, Over 700 stock parts/custom
<b>Tape Widths</b>	Various sizes from 0.250" to 2.000"
<b>Max Label Width</b>	2.000"
<b>Max Print Width</b>	1.810"
<b>Label Roll Length</b>	50 ft/ 500 ft bulk
<b>Text Sizes</b>	1 to 19 (4 to 72 pt)
<b>Multi-Line Print</b>	Yes
<b>Print Rotation</b>	Yes
<b>Serialization</b>	Yes
<b>Barcode</b>	None built in
<b>Symbols</b>	None built in
<b>Warranty</b>	1 Year Limited Warranty Included

## Use the power of your PC for more versatile labeling options.

The Brady TLS PC Link™ thermal labeling system is the best value desktop printing system. The small footprint and lightweight, rugged design makes it a nice fit for a variety of medium volume (approximately 500 labels per print run) applications. It connects to a PC for use with LabelMark™ software (included) or other Windows™ based programs.

The same basic design as the TLS 2200® allows you to utilize the same consumables (including bulk rolls) in both the TLS 2200 and the TLS PC Link.

Smart-Cell Technology makes printing fast and easy. No calibration is required since the printer automatically formats the label. In addition, the printer has its own printer control language allowing the unit to be integrated with other PC controlled equipment.



### Your Complete Printing Solution:

TLS PC Link Label Rolls ..... Page 24-52  
 TLS PC Link Print Ribbons ..... Page 53

Catalog Number	Description
TLSPC	TLS PC Link Thermal Labeling System*
TLSPC-AC	Replacement power supply/battery charger
TLSPC-BP	Rechargeable battery pack
TLSPC-CABLE	Communications cable
PCK-5	Cleaning Kit (includes 5 cleaning cards)

\*Includes LabelMark™ labeling software, rechargeable battery pack, power supply/battery charger, R6210 ribbon, sample labels (PTL-19-423), Quick Start Guide, manuals, communications cable, Windows drivers and 1 year Limited Warranty.

### Versatile Label Options

Uses all of the available TLS 2200 printer materials and ribbons, including bulk roll material.

### LabelMark™ Software Included

Easy-to-use LabelMark™ Labeling Software is included with your TLS-PC Link.

### Windows™ Driver Included

This driver allows you to easily print labels from either Brady labeling software solution.



### Did You Know?

Bulk labels are designed for the TLS 2200 and TLS PC Link thermal labeling systems to save customers money, and provide the perfect low volume\* labeling solution.

A reusable dispenser box protects labels from dust and debris and allows easy storage until the next identification job.

Watch for label catalog number that begin with "B". This indicates materials rolls that are "Bulk" label rolls.

\* TLS 2200 and TLS PC Link printers are recommended for printing 500 or less labels per print run. Printer slowdown is possible if printing large quantities of labels at one time depending on the material, label size and amount of print coverage.



# TLS 2200® Label Rolls: General ID

www.BradyID.com/tls2200

Portable Label Printers



## TLS 2200® General Identification Labels

Brady's industrial labels are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy-duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, equipment, floors, walls, racks and more.

Brady's industrial labels are made to stick and stay stuck - so you can create facility and safety identification once, knowing it will still be there years down the line.

### Printer Compatibility

All General Identification label parts shown on pages 24-31 are only compatible with:



**TLS 2200®  
Label Printer**  
See Page 22



**TLS PC Link™  
Printer**  
See Page 23

## TLS 2200® General Identification Labels:

### B-422 Polyester Labels

Color: White Finish: Gloss

White label stock with glossy finish and 2 mils of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, and asset and inventory tracking.

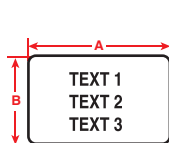
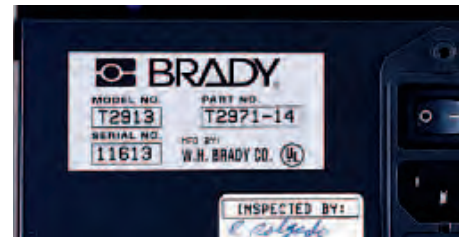


Figure 29

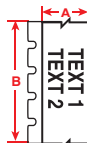


Figure 33

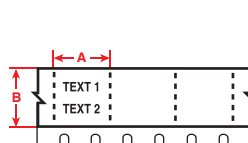


Figure 34

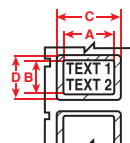


Figure 40

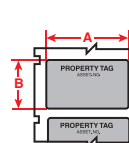


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 34	PTL-39-422	422	Polyester	White	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 33	PTL-46-422	422	Polyester	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-422	422	Polyester	White	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-422	422	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-5-422	422	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 33	PTL-8-422	422	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-422	422	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-422	422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	BPTL-20-422	422	Polyester	White	1.000 (25.4)	2.000 (50.8)	1	1000	R6010
Fig. 29	PTL-19-422	422	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-422	422	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 40	PTPSL-17-422	422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-29-422	422	Polyester	White	1.050 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-422	422	Polyester	White	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-30-422	422	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-32-422	422	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-422-PROP	422	Polyester	Gray	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 33	PTL-43-422	422	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-422	422	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 40	PTPSL-20-422	422	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 40	PTPSL-26-422	422	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-422	422	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-422	422	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 40	PTPSL-50-422	422	Polyester	White	3.000 (76.2)	1.650 (41.9)	1	100	R6010
Fig. 29	PTL-23-422	422	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-422	422	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

TLS 2200® Label Rolls: General ID

# TLS 2200® Label Rolls: General ID

www.BradyID.com/tls2200

## TLS 2200® General Identification Labels: B-423 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.

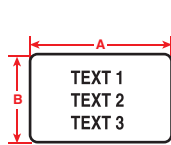


Figure 29

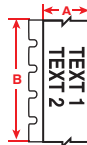


Figure 33

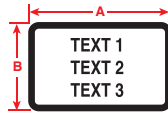


Figure 46  
(Includes black border)

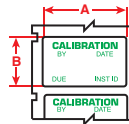


Figure 51

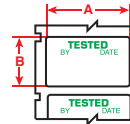


Figure 52

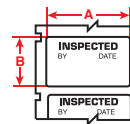


Figure 53

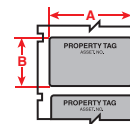


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-423	423	Polyester	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-423	423	Polyester	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-423	423	Polyester	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	BPTL-7-423	423	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	5000	R6010
Fig. 29	PTL-5-423	423	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 53	PTL-6-423	423	Polyester	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-7-423	423	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-8-423	423	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-9-423	423	Polyester	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-423	423	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-423	423	Polyester	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	BPTL-16-423	423	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	5000	R6010
Fig. 29	BPTL-17-423	423	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	5000	R6010
Fig. 29	BPTL-19-423	423	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	2500	R6010
Fig. 29	BPTL-20-423	423	Polyester	White	1.000 (25.4)	2.000 (50.8)	1	1000	R6010
Fig. 29	PTL-14-423	423	Polyester	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-15-423	423	Polyester	White	1.000 (25.4)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-16-423	423	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-423	423	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-423	423	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 46	PTL-24-423-BK	423	Polyester	White	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-423	423	Polyester	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	BPTL-29-423	423	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	5000	R6010
Fig. 29	PTL-27-423	423	Polyester	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-423	423	Polyester	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-29-423	423	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 51	PTL-30-423-CALI	423	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 53	PTL-30-423-INSP	423	Polyester	Black on White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 52	PTL-30-423-TEST	423	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-423	423	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-423	423	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-423-PROP	423	Polyester	Black on Silver	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-423	423	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-2-423	423	Polyester	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010
Fig. 29	PTL-26-423	423	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-423	423	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-423	423	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-423	423	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-423	423	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

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# TLS 2200® Label Rolls: General ID

www.BradyID.com/tls2200

## TLS 2200® General Identification Labels: B-424 Paper Labels

Color: White Finish: Matte

White paper label with matte finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labeling applications.

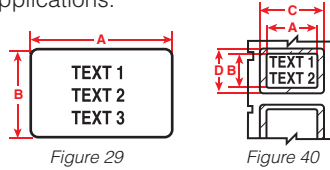


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-80-424	424	Paper	White	0.750 (19.1)	0.900 (22.9)	1	250	R4310
Fig. 29	BPTL-20-424	424	Paper	White	1.000 (25.4)	2.000 (50.8)	1	1000	R4310
Fig. 40	PTPSL-17-424	424	Paper	White	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-20-424	424	Paper	White	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 40	PTPSL-20-424	424	Paper	White	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-22-424	424	Paper	White	3.000 (76.2)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-424	424	Paper	White	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 29	PTL-38-424	424	Paper	White	4.000 (101.6)	1.900 (48.3)	1	100	R4310

## TLS 2200® General Identification Labels: B-425 Polypropylene Labels

Color: White Finish: Matte

White polypropylene label stock with matte/opaque finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.

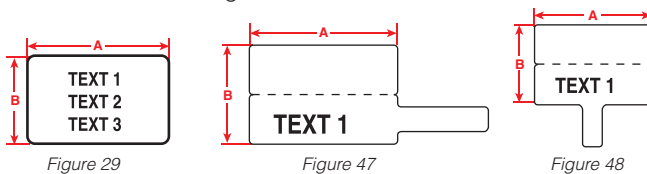


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-425	425	Polypropylene	White	0.750 (19.1)	0.250 (6.4)	1	750	R6210
Fig. 47	PTLFP-01-425	425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 48	PTLFT-01-425	425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6210
Fig. 47	PTLFP-02-425	425	Polypropylene	White	1.750 (44.5)	1.000 (25.4)	1	100	R6210



### Did You Know? LabelMark™ Labeling Software

LabelMark™ 5 Standard Software offers a variety of new tools and features for data management, label design and label printing and are all available for use with the TLS 2200® and TLS PC Link™ printers.

- Quickly create, view, and print with easy editing features
- Edit, view, and import data for multiple labels at once
- Quick printing with Brady printers and label materials

For more information, view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark).



See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## TLS 2200® General Identification Labels: B-430 Polyester Labels

**Color:** Clear      **Finish:** Gloss

Translucent, high performance polyester material with a glossy finish. Non-colored label with permanent adhesive. Good for general purpose thermal transfer printing.

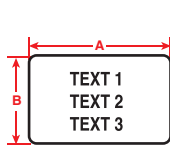


Figure 29

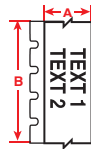


Figure 33

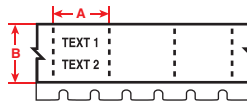


Figure 34

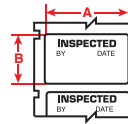


Figure 53

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-68-430	430	Polyester	Clear	0.240 (6.1)	0.150 (3.8)	1	750	R6010
Fig. 29	PTL-70-430	430	Polyester	Clear	0.240 (6.1)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-69-430	430	Polyester	Clear	0.350 (8.9)	0.150 (3.8)	1	750	R6010
Fig. 29	PTL-71-430	430	Polyester	Clear	0.350 (8.9)	0.200 (5.1)	1	750	R6010
Fig. 33	PTL-46-430	430	Polyester	Clear	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 34	PTL-39-430	430	Polyester	Clear	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 29	PTL-44-430	430	Polyester	Clear	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-430	430	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 53	PTL-6-430	430	Polyester	Clear	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 33	PTL-8-430	430	Polyester	Clear	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-85-430	430	Polyester	Clear	0.740 (18.8)	0.240 (6.1)	1	750	R6010
Fig. 29	PTL-99-430	430	Polyester	Clear	0.740 (18.8)	0.320 (8.1)	1	750	R6010
Fig. 29	PTL-16-430	430	Polyester	Clear	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-430	430	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-42-430	430	Polyester	Clear	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-45-430	430	Polyester	Clear	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-29-430	430	Polyester	Clear	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-28-430	430	Polyester	Clear	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 33	PTL-43-430	430	Polyester	Clear	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010

## TLS 2200® General Identification Labels: B-432 Polyester Labels

**Color:** Clear      **Finish:** Gloss

Translucent, high performance polyester material with a glossy finish. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.

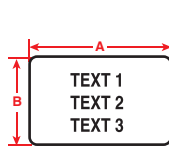


Figure 29

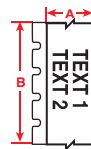


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-432	432	Polyester	Clear	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-7-432	432	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-8-432	432	Polyester	Clear	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-10-432	432	Polyester	Clear	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-11-432	432	Polyester	Clear	0.750 (19.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-17-432	432	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-42-432	432	Polyester	Clear	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-100-432	432	Polyester	Clear	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-432	432	Polyester	Clear	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: General ID

www.BradyID.com/tls2200

## TLS 2200® General Identification Labels: B-439 Vinyl Labels

Color: Various Finish: Matte

Colored vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labeling. Available in white, silver, gold, purple, yellow, orange, green, light blue and black.

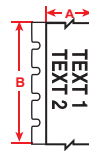


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-8-439	439	Vinyl	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-BK	439	Vinyl	Black	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-8-439-BL	439	Vinyl	Blue	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-GR	439	Vinyl	Green	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-OR	439	Vinyl	Orange	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-RD	439	Vinyl	Red	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-439-YL	439	Vinyl	Yellow	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439	439	Vinyl	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-BK	439	Vinyl	Black	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-42-439-BL	439	Vinyl	Blue	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-GR	439	Vinyl	Green	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-OR	439	Vinyl	Orange	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-RD	439	Vinyl	Red	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-42-439-YL	439	Vinyl	Yellow	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439	439	Vinyl	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-BK	439	Vinyl	Black	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R4410-WT
Fig. 33	PTL-43-439-BL	439	Vinyl	Blue	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-GR	439	Vinyl	Green	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-OR	439	Vinyl	Orange	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-RD	439	Vinyl	Red	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-43-439-YL	439	Vinyl	Yellow	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010

## TLS 2200® General Identification Labels: B-449 Polypropylene Labels

Color: White Finish: Matte

White polypropylene label stock with matte/opaque finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance. Not recommended for long-term outdoor use.

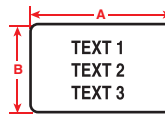


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-449	449	Polypropylene	White	1.000 (25.4)	0.500 (12.7)	1	500	R6210

**NEW!**

### BBP®31 Sign & Label Printer

Brady's new BBP®31 Sign & Label Printer offers a benchtop printing solution for various facility and safety labels.

- Packed with functionality
- Touch & drag label diagram
- Stand alone printing

For more information, view page 154 or visit [www.BradyID.com/bbp31](http://www.BradyID.com/bbp31)



See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## TLS 2200® General Identification Labels: B-459 Polyester Labels

**Color: White**      **Finish: Matte**

White polyester thermal transfer label with matte finish. Designed for applications such as topside of printed circuit boards and rating plates that utilize high quality/density alphanumeric, barcodes and graphics.

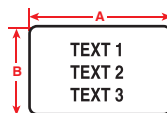


Figure 29

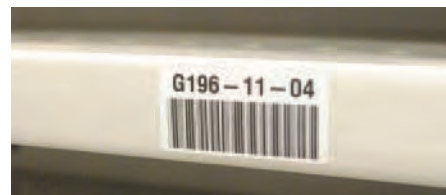


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-29-459	459	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-459	459	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-459	459	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-26-459	459	Polyester	White	2.750 (69.9)	1.250 (31.8)	1	100	R6010
Fig. 29	PTL-22-459	459	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-459	459	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-459	459	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

## TLS 2200® General Identification Labels: B-483 Polyester Labels

**Color: White**      **Finish: Gloss**

White polyester thermal transfer label with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.



Figure 28

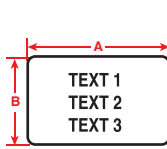


Figure 29

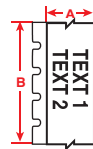


Figure 33

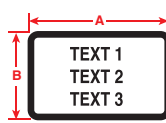


Figure 46  
(Includes black border)

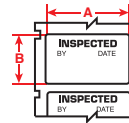


Figure 53



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-483	483	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-483	483	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-483	483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-483	483	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-483	483	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 46	PTL-24-483-BK	483	Polyester	White	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-100-483	483	Polyester	White	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-65-483	483	Polyester	White	1.375 (34.9)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-483	483	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-483	483	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-483	483	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-483	483	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 33	PTL-43-483	483	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-483	483	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 28	PTL-61-483	483	Polyester	White	2.000 (50.8)	0.500 (12.7)	1	100	R6010
Fig. 29	PTL-37-483	483	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-37-483-DANGER	483	Polyester	Red on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-37-483-WARNING	483	Polyester	Orange/Black on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-483	483	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-483-DANGER	483	Polyester	Red on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-483-WARNING	483	Polyester	Orange/Black on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 53	PTL-62-483	483	Polyester	White	4.000 (101.6)	0.750 (19.1)	1	50	R6010
Fig. 53	PTL-63-483	483	Polyester	White	4.000 (101.6)	0.750 (19.1)	1	50	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: General ID

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## TLS 2200® General Identification Labels: B-488 Polyester Labels

Color: White Finish: Matte

White polyester thermal transfer label with matte finish. Ideal for component identification, barcoding, and asset and inventory tracking. A matte version of B-423.

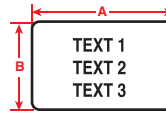


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-80-488	488	Polyester	White	0.750 (19.1)	0.900 (22.9)	1	250	R4310
Fig. 29	PTL-97-488	488	Polyester	White	0.900 (22.9)	0.900 (22.9)	1	250	R4310
Fig. 29	PTL-78-488	488	Polyester	White	1.900 (48.3)	1.000 (25.4)	1	250	R4310
Fig. 29	PTL-81-488	488	Polyester	White	1.900 (48.3)	0.250 (6.3)	1	750	R4310

## TLS 2200® General Identification Labels: B-489 Polyester Labels

Color: White Finish: Matte

White polyester thermal transfer label with matte finish and aggressive adhesive. Specifically designed for powder coated surfaces. A matte version of B-483.

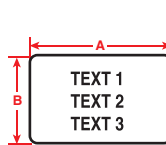


Figure 29



Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-489	489	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 33	PTL-8-489	489	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	PTL-16-489	489	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-489	489	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-19-489	489	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R4310
Fig. 33	PTL-42-489	489	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 33	PTL-100-489	489	Polyester	White	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	PTL-29-489	489	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-30-489	489	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 29	PTL-31-489	489	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R4310
Fig. 29	PTL-32-489	489	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R4310
Fig. 33	PTL-43-489	489	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	PTL-20-489	489	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-489	489	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 29	PTL-38-489	489	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R4310



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See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## TLS 2200® General Identification Labels: B-498 Repositionable Vinyl Cloth Labels

**Color:** White      **Finish:** Semi-Gloss

Repositionable vinyl cloth label for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

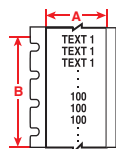


Figure 30

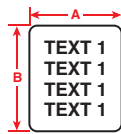


Figure 31

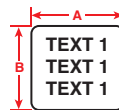


Figure 37



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 30	BPTLTB-498-240	498	Vinyl	White	0.240 (6.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-240	498	Vinyl	White	0.240 (6.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 31	PTL-10-498	498	Vinyl	White	0.250 (6.4)	0.750 (19.1)	16 to 10	1	750	R6210
Fig. 31	PTL-28-498	498	Vinyl	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R6210
Fig. 30	BPTLTB-498-318	498	Vinyl	White	0.318 (8.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-318	498	Vinyl	White	0.318 (8.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 30	BPTLTB-498-375	498	Vinyl	White	0.375 (9.5)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 31	PTL-16-498	498	Vinyl	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R6210
Fig. 30	PTLTB-498-375	498	Vinyl	White	0.375 (9.5)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 31	BPTL-11-498	498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R6210
Fig. 31	BPTL-29-498	498	Vinyl	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	5000	R6210
Fig. 31	PTL-11-498	498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R6210
Fig. 37	PTL-7-498	498	Vinyl	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R6210
Fig. 31	BPTL-18-498	498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 31	PTL-18-498	498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-30-498	498	Vinyl	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	BPTL-19-498	498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 37	PTL-15-498	498	Vinyl	White	1.000 (25.4)	0.275 (7.0)	22 to 16	1	750	R6210
Fig. 37	PTL-17-498	498	Vinyl	White	1.000 (25.4)	0.500 (12.7)	12 to 10	1	500	R6210
Fig. 37	PTL-19-498	498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-21-498	498	Vinyl	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R6210
Fig. 31	PTL-23-498	498	Vinyl	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-31-498	498	Vinyl	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	PTL-32-498	498	Vinyl	White	1.500 (38.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 31	PTL-33-498	498	Vinyl	White	1.500 (38.1)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-34-498	498	Vinyl	White	1.500 (38.1)	6.000 (152.4)	Cables	1	50	R6210

## TLS 2200® General Identification Labels: B-8425 Polypropylene Labels

**Color:** White      **Finish:** Gloss

White polypropylene label with glossy finish. An economical alternative to B-425. Designed for general purpose labeling, asset identification, rating plate and warning/instructional labeling.

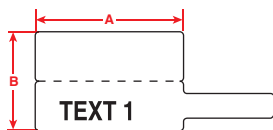


Figure 47

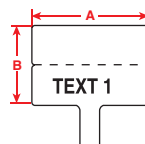


Figure 48



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-8425	8425	Polypropylene	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 48	PTLFT-01-8425	8425	Polypropylene	White	1.180 (30.0)	0.788 (20.0)	1	250	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: Asset Tracking

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Portable Label Printers

TLS 2200® Label Rolls: Asset Tracking



## TLS 2200® Asset Tracking Labels

Brady's line of asset tracking labels are designed to help businesses identify assets and property from tools and warehouse equipment to office furniture and computers.

Durable thermal transfer printable materials ensure that labels will stay in place and printed information and barcodes will remain legible and scannable even though subjected to harsh environments.

### Printer Compatibility

All asset tracking label parts shown on pages 32-33 are only compatible with:



**TLS 2200®  
Label Printer**  
See Page 22

**TLS PC Link™  
Printer**  
See Page 23

### TLS 2200® Asset Tracking Labels:

## B-428 Polyester Labels

Color: Silver Metallic Finish: Matte

Metallized polyester with matte finish withstands solvents and variable temps. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.

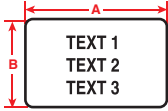
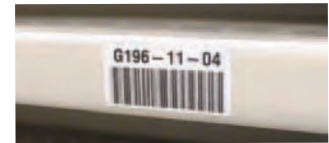


Figure 29

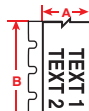


Figure 33

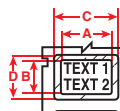


Figure 40

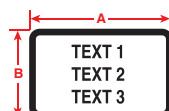


Figure 46  
(Includes black border)

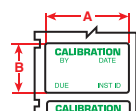


Figure 51

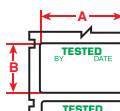


Figure 52

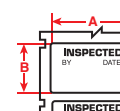


Figure 53

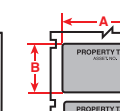


Figure 54

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-8-428	428	Polyester	Silver	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310
Fig. 29	BPTL-17-428	428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	5000	R4310
Fig. 29	BPTL-20-428	428	Polyester	Silver	1.000 (25.4)	2.000 (50.8)	1	1000	R4310
Fig. 29	PTL-15-428	428	Polyester	Silver	1.000 (25.4)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-17-428	428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 40	PTPSL-17-428	428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 46	PTL-24-428-BK	428	Polyester	Silver	1.130 (28.7)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-29-428	428	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 51	PTL-30-428-CALI	428	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 53	PTL-30-428-INS	428	Polyester	Black on White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 52	PTL-30-428-TEST	428	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 54	PTL-35-428-PROP	428	Polyester	Gray	1.630 (41.4)	0.750 (19.1)	1	250	R4310
Fig. 29	PTL-20-428	428	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 40	PTPSL-20-428	428	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-26-428	428	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	1	100	R4310
Fig. 40	PTPSL-26-428	428	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	1	100	R4310
Fig. 29	PTL-22-428	428	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-428	428	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 40	PTPSL-50-428	428	Polyester	Silver	3.000 (76.2)	1.650 (41.9)	1	100	R4310
Fig. 29	PTL-38-428	428	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R4310

### TLS 2200® Asset Tracking Labels:

## B-435 Polyester Labels

Color: Silver Metallic Finish: Gloss

Printable metallized polyester with glossy finish. Withstands numerous solvents and variable temps. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.

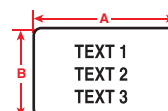


Figure 29

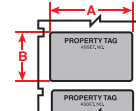


Figure 54



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-16-435	435	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-435	435	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-435	435	Polyester	Silver	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-435	435	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-435	435	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-435	435	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-435	435	Polyester	Silver	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 54	PTL-35-435-PROP	435	Polyester	Black on Silver	1.630 (41.4)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-20-435	435	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-435	435	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-435	435	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R6010

## TLS 2200® Asset Tracking Labels: B-483 Polyester Labels

Color: White Finish: Gloss

White polyester with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.



Figure 28

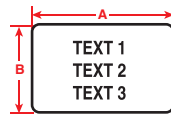


Figure 29

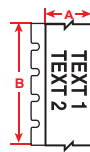


Figure 33

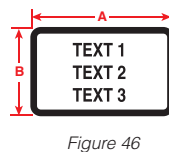


Figure 46  
(Includes black border)

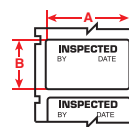


Figure 53

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 33	PTL-8-483	483	Polyester	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-16-483	483	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-483	483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-19-483	483	Polyester	White	1.000 (25.4)	1.000 (25.4)	1	250	R6010
Fig. 33	PTL-42-483	483	Polyester	White	1.000 (25.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 46	PTL-24-483-BK	483	Polyester	White	1.130 (28.7)	0.500 (12.7)	1	500	R6010
Fig. 33	PTL-100-483	483	Polyester	White	1.300 (33.0)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-65-483	483	Polyester	White	1.375 (34.9)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-29-483	483	Polyester	White	1.500 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-483	483	Polyester	White	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-483	483	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-32-483	483	Polyester	White	1.500 (38.1)	1.500 (38.1)	1	250	R6010
Fig. 33	PTL-43-483	483	Polyester	White	1.900 (48.3)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-20-483	483	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 28	PTL-61-483	483	Polyester	White	2.000 (50.8)	0.500 (12.7)	1	100	R6010
Fig. 29	PTL-37-483	483	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-37-483-DANGER	483	Polyester	Red on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-37-483-WARNING	483	Polyester	Orange/Black on White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-23-483	483	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-38-483-DANGER	483	Polyester	Red on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-483-WARNING	483	Polyester	Orange/Black on White	4.000 (101.6)	1.900 (48.3)	1	100	R6010

## TLS 2200® Asset Tracking Labels: B-486 Polyester Labels

Color: Silver Metallic Finish: Matte

Metallized polyester material designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics.

Withstands numerous solvents and variable temps.

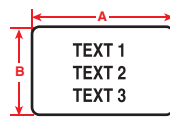


Figure 29

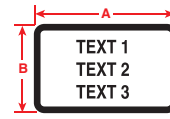


Figure 46  
(Includes black border)



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-16-486	486	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-486	486	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-19-486	486	Polyester	Silver	1.000 (25.4)	1.000 (25.4)	1	250	R4310
Fig. 46	PTL-24-486-BK	486	Polyester	Silver/Black Border	1.130 (28.7)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-29-486	486	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-30-486	486	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1	250	R4310
Fig. 29	PTL-31-486	486	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R4310
Fig. 29	PTL-32-486	486	Polyester	Silver	1.500 (38.1)	1.500 (38.1)	1	250	R4310
Fig. 29	PTL-20-486	486	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R4310
Fig. 29	PTL-37-486	486	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R4310
Fig. 29	PTL-38-483	486	Polyester	White	4.000 (101.6)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-38-486	486	Polyester	Silver	4.000 (101.6)	1.900 (48.3)	1	100	R4310

# TLS 2200® Label Rolls: Wire & Cable ID

www.BradyID.com/tls2200

Portable Label Printers



## TLS 2200® Wire & Cable ID Labels

Brady's wire and cable identification products include wire labels, heat-shrinkable sleeves, tags, and other cable marking products.

Lab and field tested, Brady's wire and cable identification products are proven to withstand harsh environments, including extreme temperatures, liquids, abrasion and more.

Cable marking solutions are available in a variety of sizes and colors to ensure that your wires and cables are marked with clear, legible identification.

### Printer Compatibility

All wire and cable label parts shown on pages 34-41 are only compatible with:



**TLS 2200® Label Printer**  
See Page 22



**TLS PC Link™ Printer**  
See Page 23

## TLS 2200® Wire & Cable Labels: B-109 Polyethylene Tags

**Color: White**      **Finish: Matte**

Excellent multi-purpose tag for identifying multiconductor cables, inventory, safety warning repair and work-in-processing manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.

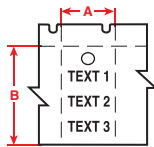


Figure 45

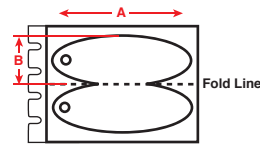


Figure 50

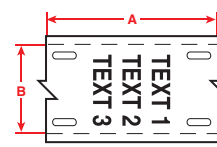


Figure 56



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 45	PTL-36-109	109	Polyethylene	White	1.125 (28.6)	1.750 (44.5)	1	250	R4310
Fig. 56	PTL-12-109	109	Polyethylene	White	3.000 (76.2)	0.750 (19.1)	1	100	R4310
Fig. 56	BPTL-12-109	109	Polyethylene	White	3.000 (76.2)	0.750 (19.1)	1	1000	R4310

## TLS 2200® Wire & Cable Labels: B-145 Polyethylene Tags

**Color: Gray**      **Finish: Matte**

Multipurpose material for tag applications. Ideal for identifying multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress.

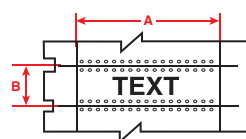


Figure 36

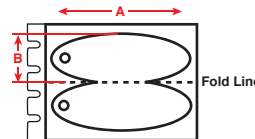


Figure 50



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 50	PTL-111-145FR-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	PTL-111-145-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	BPTL-111-145FR-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	1,000	R6210
Fig. 50	BPTL-111-145-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	1000	R6210
Fig. 50	PTL-110-145FR-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210
Fig. 50	PTL-110-145-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210
Fig. 50	BPTL-110-145FR-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	1,000	R6210
Fig. 50	BPTL-110-145-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	1000	R6210

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

TLS 2200® Label Rolls: Wire & Cable ID

## TLS 2200® Wire & Cable Labels: B-321 Heat-Shrinkable Polyolefin Wire Marking Sleeves

Color: White Finish: Matte

Dot matrix printable wire and cable heat shrinkable sleeve. Excellent resistance to oil and solvents.

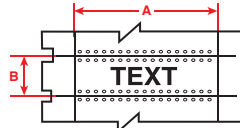


Figure 36



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 36	PTS-0.45-350-321	321	Polyolefin	White	0.450 (11.4)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-0.45-500-321	321	Polyolefin	White	0.450 (11.4)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-0.95-1000-321	321	Polyolefin	White	0.950 (24.1)	1.000 (25.4)	1 to 00	1	250	R6210
Fig. 36	PTS-0.95-350-321	321	Polyolefin	White	0.950 (24.1)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-0.95-500-321	321	Polyolefin	White	0.950 (24.1)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-0.95-750-321	321	Polyolefin	White	0.950 (24.1)	0.750 (19.1)	4 to 2	1	250	R6210
Fig. 36	PTS-1.90-1000-321	321	Polyolefin	White	1.900 (48.3)	1.000 (25.4)	1 to 00	1	250	R6210
Fig. 36	PTS-1.90-350-321	321	Polyolefin	White	1.900 (48.3)	0.350 (8.9)	16 to 10	1	500	R6210
Fig. 36	PTS-1.90-500-321	321	Polyolefin	White	1.900 (48.3)	0.500 (12.7)	10 to 8	1	500	R6210
Fig. 36	PTS-1.90-750-321	321	Polyolefin	White	1.900 (48.3)	0.750 (19.1)	4 to 2	1	250	R6210



### Did You Know? PermaSleeve® Wire Marking Sleeves

Brady's PermaSleeve® Wire Marking Sleeves feature these unique characteristics

- Does not smudge or fade when printed; print is permanent
- Unique flattened full-circle design provides fast, permanent wire marking
- Kitted in a convenient format, easily dispensed for printing
- Conforms tightly to wire after heat is applied which prevents markers from sliding

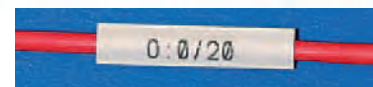
View PermaSleeve Wire Marking Sleeves for the TLS 2200® and TLS PC Link™ on the next page or visit [www.Bradyid.com/TLS2200](http://www.Bradyid.com/TLS2200)



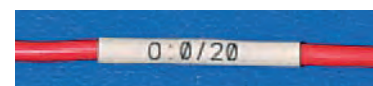
#### Sleeve Heat Gun

Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve wire marking sleeves. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Before heat shrink



After heat shrink

# TLS 2200® Label Rolls: PermaSleeves

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Labels:

## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized
- Tested per:**
  - ASTM E162
  - ASTM E662

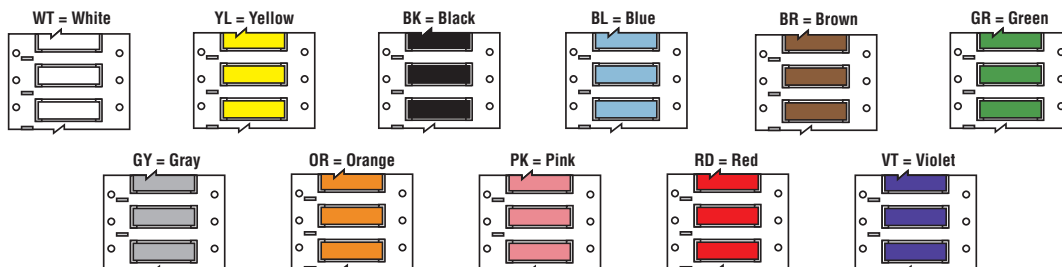


Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
				Min.	Max.					
PSPT-094-1-WT	100	100	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-094-1-*	100	100	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-094-175-WT	100	100	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-094-175-*	100	100	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-094-1-WT	2500	2500	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-094-175-WT	2500	2500	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-125-1-WT	100	100	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-125-1-*	100	100	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-125-175-WT	100	100	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-125-175-*	100	100	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-125-1-WT	1000	1000	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-125-175-WT	1000	1000	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-187-1-WT	100	100	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-187-1-*	100	100	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-187-175-WT	100	100	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-187-175-*	100	100	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-187-1-WT	1000	1000	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-187-175-WT	1000	1000	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-250-1-WT	100	100	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-250-1-*	100	100	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-250-175-WT	100	100	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-250-175-*	100	100	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-250-1-WT	1000	1000	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-250-175-WT	1000	1000	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-375-1-WT	100	100	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-375-1-*	100	100	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-375-175-WT	100	100	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-375-175-*	100	100	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-375-1-WT	1000	1000	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-375-175-WT	1000	1000	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-500-1-WT	100	100	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-500-1-*	100	100	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-500-175-WT	100	100	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-500-175-*	100	100	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-500-1-WT	1000	1000	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	R4310
BPSPT-500-175-WT	1000	1000	8 to 1	0.187 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-1000-1-WT	50	50	2 to 0.950 dia.	0.333 (8.5)	- 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-1000-1-*	50	50	2 to 0.950 dia.	0.333 (8.5)	- 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	R4310
PSPT-1000-175-WT	50	50	2 to 0.950 dia.	0.333 (8.5)	- 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	R4310
PSPT-1000-175-*	50	50	2 to 0.950 dia.	0.333 (8.5)	- 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	R4310
BPSPT-1000-175-WT	500	500	2 to 0.950 dia.	0.333 (8.5)	- 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	R4310

### \*Choose Your PermaSleeve Color:

You may also choose to order your sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.  
Example: PSPT-187-175-\* becomes PSPT-187-175-YL

Available colors: WT=White, YL=Yellow, BK=Black, BL=Blue, BR=Brown, GR=Green, GY=Gray, OR=Orange, PK=Pink, RD=Red, VT=Violet



See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

## TLS 2200® Wire & Cable Labels:

### B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves

2:1 (3/32" is 3:1) heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF and have an operating temperature of -55°C to +225°C (-67°F to +437°F). These heat shrinkable wire marking sleeves meet the following industry specifications

- NASA SP-R-0022A Outgassing Performance
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

#### Tested per:

- SAE-AMS-DTL-23053/18, Class 2
- ASTM E162, ASTM E662



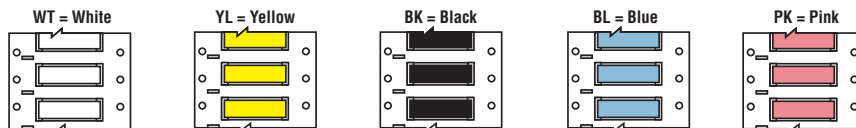
Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
				Min.	Max.					
PSHT-094-1-WT	100	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-094-1-*	100	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-094-175-WT	100	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-094-175-*	100	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-125-1-WT	100	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-125-1-*	100	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-125-175-WT	100	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-125-175-*	100	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-187-1-WT	100	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-187-1-*	100	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-187-175-WT	100	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-187-175-*	100	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-250-1-WT	100	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-250-1-*	100	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-250-175-WT	100	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-250-175-*	100	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-375-1-WT	100	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-375-1-*	100	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-375-175-WT	100	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-375-175-*	100	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-500-1-WT	100	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-500-1-*	100	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-500-175-WT	100	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-500-175-*	100	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-750-1-WT	100	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-750-1-*	100	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-750-175-WT	100	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-750-175-*	100	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-1000-1-WT	50	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.015 (25.8)	R6010/R6610
PSHT-1000-1-*	50	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.015 (25.8)	R6010/R6610
PSHT-1000-175-WT	50	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.765 (44.8)	R6010/R6610
PSHT-1000-175-*	50	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.765 (44.8)	R6010/R6610

#### \*Choose Your PermaSleeve Color:

You may also choose to order your sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.  
Example: PSHT-187-175-\* becomes PSHT-187-175-BL

Available colors: WT=White YL=Yellow BK=Black BL=Blue PK=Pink

\*Note: R6010 and R6610 are black ribbons for non-black surfaces. For black sleeves, R6810 and R4410-WT white ribbons should be used.



# TLS 2200® Label Rolls: Wire & Cable ID

www.BradyID.com/tls2200

## TLS 2200® Wire & Cable Labels: B-390 DuraSleeve® Polypropylene Wire Marker Inserts

Color: White Finish: Matte

Designed to be printed and affixed to a wire using extruded, clear PVC Brady Wire Marking carriers.

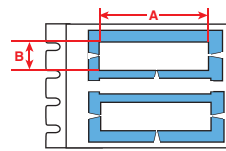


Figure 38



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 38	BPTDS-15-390	390	Polypropylene	White	0.590 (15.0)	0.163 (4.1)	1	3000	R6010
Fig. 38	PTDS-15-390	390	Polypropylene	White	0.590 (15.0)	0.163 (4.1)	1	300	R6010
Fig. 38	BPTDS-30-390	390	Polypropylene	White	1.181 (30.0)	0.163 (4.1)	1	3000	R6010
Fig. 38	PTDS-30-390	390	Polypropylene	White	1.181 (30.0)	0.163 (4.1)	1	300	R6010

## TLS 2200® Wire & Cable Labels: B-412 Polypropylene Tags

Color: White Finish: Matte

Thick polypropylene material for wire, cable and inventory identification. High print legibility and high tensile strength.

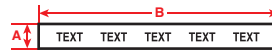


Figure 28

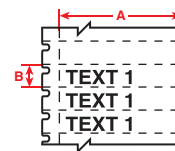


Figure 55



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 28	PTL-55-412	412	Polypropylene	White	0.230 (5.8)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-56-412	412	Polypropylene	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-57-412	412	Polypropylene	White	0.500 (12.7)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-58-412	412	Polypropylene	White	0.535 (13.6)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 28	PTL-59-412	412	Polypropylene	White	0.785 (19.9)	50 ft. (15.2 m)	1	1 Roll Cont.	R6210
Fig. 55	PTL-40-412	412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	750	R6210
Fig. 55	BPTL-40-412	412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	5000	R6210

## TLS 2200® Wire & Cable Labels: B-427 Self-Laminating Vinyl Labels

Color: White/ Translucent Finish: Matte/ Translucent Wrap

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

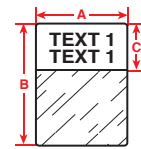


Figure 32



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-10-427	427	Vinyl	White	0.250 (6.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	750	R4310
Fig. 32	PTL-10-427-YL	427	Vinyl	Yellow	0.250 (6.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	750	R4310
Fig. 32	PTL-28-427	427	Vinyl	White	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-BL	427	Vinyl	Blue	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-BR	427	Vinyl	Brown	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-GR	427	Vinyl	Green	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-GY	427	Vinyl	Gray	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-OR	427	Vinyl	Orange	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-PL	427	Vinyl	Purple	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-RL	427	Vinyl	Red	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	PTL-28-427-YL	427	Vinyl	Yellow	0.250 (6.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	750	R4310
Fig. 32	BPTL-11-427	427	Vinyl	White	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	5000	R4310
Fig. 32	BPTL-17-427	427	Vinyl	White	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	5000	R4310
Fig. 32	BPTL-29-427	427	Vinyl	White	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	5000	R4310
Fig. 32	PTL-102-427	427	Vinyl	White	0.500 (12.7)	1.250 (31.8)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	PTL-11-427	427	Vinyl	White	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	500	R4310
Fig. 32	PTL-11-427-YL	427	Vinyl	Yellow	0.500 (12.7)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	500	R4310
Fig. 32	PTL-17-427	427	Vinyl	White	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	500	R4310
Fig. 32	PTL-17-427-YL	427	Vinyl	Yellow	0.500 (12.7)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	500	R4310
Fig. 32	PTL-29-427	427	Vinyl	White	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-BL	427	Vinyl	Blue	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-BR	427	Vinyl	Brown	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-GR	427	Vinyl	Green	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# TLS 2200® Label Rolls: Wire & Cable ID

www.BradyID.com/tls2200

## TLS 2200® Wire & Cable Labels: B-427 Self-Laminating Vinyl Labels

Color: White/ Translucent Finish: Matte/ Translucent Wrap

Continued from previous page.

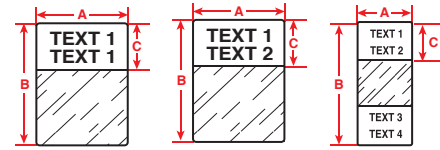


Figure 32

Figure 42

Figure 43

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-29-427-GY	427	Vinyl	Gray	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-OR	427	Vinyl	Orange	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-PL	427	Vinyl	Purple	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-RD	427	Vinyl	Red	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 32	PTL-29-427-YL	427	Vinyl	Yellow	0.500 (12.7)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	500	R4310
Fig. 27	PTL-74-427	427	Vinyl	White	0.500 (12.7)	2.200 (55.8)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	BPTL-18-427	427	Vinyl	White	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	2500	R4310
Fig. 32	BPTL-30-427	427	Vinyl	White	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	2500	R4310
Fig. 32	PTL-18-427	427	Vinyl	White	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	PTL-18-427-YL	427	Vinyl	Yellow	0.750 (19.1)	1.000 (25.4)	0.375 (9.5)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427	427	Vinyl	White	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-BL	427	Vinyl	Blue	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-BR	427	Vinyl	Brown	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-GR	427	Vinyl	Green	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-GY	427	Vinyl	Gray	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-OR	427	Vinyl	Orange	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-PL	427	Vinyl	Purple	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-RD	427	Vinyl	Red	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-30-427-YL	427	Vinyl	Yellow	0.750 (19.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-19-427	427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-BL	427	Vinyl	Blue	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-BR	427	Vinyl	Brown	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-GR	427	Vinyl	Green	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-GY	427	Vinyl	Gray	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-OR	427	Vinyl	Orange	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-PL	427	Vinyl	Purple	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-RD	427	Vinyl	Red	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-YL	427	Vinyl	Yellow	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-21-427	427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-BL	427	Vinyl	Blue	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-BR	427	Vinyl	Brown	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-GR	427	Vinyl	Green	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-GY	427	Vinyl	Gray	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-OR	427	Vinyl	Orange	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-PL	427	Vinyl	Purple	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-RD	427	Vinyl	Red	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-YL	427	Vinyl	Yellow	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427	427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BL	427	Vinyl	Blue	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BR	427	Vinyl	Brown	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GR	427	Vinyl	Green	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GY	427	Vinyl	Gray	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-OR	427	Vinyl	Orange	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-PL	427	Vinyl	Purple	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-RD	427	Vinyl	Red	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-YL	427	Vinyl	Yellow	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-31-427	427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BL	427	Vinyl	Blue	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BR	427	Vinyl	Brown	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GR	427	Vinyl	Green	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GY	427	Vinyl	Gray	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-OR	427	Vinyl	Orange	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-PL	427	Vinyl	Purple	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-RD	427	Vinyl	Red	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-YL	427	Vinyl	Yellow	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 43	PTL-64-427	427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	100	R4310
Fig. 32	BPTL-19-427	427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	2500	R4310
Fig. 32	BPTL-21-427	427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	1000	R4310
Fig. 32	BPTL-23-427	427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	1000	R4310
Fig. 32	BPTL-31-427	427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	2500	R4310

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

B-427 Self-Laminating Vinyl Labels continue on next page.

Approx. wire gauge based on AWG for THHN wire.

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# TLS 2200® Label Rolls: Wire & Cable ID

www.BradyID.com/tls2200

TLS 2200® Wire & Cable Labels:

## B-427 Self-Laminating Vinyl Labels

Color: White/Translucent Finish: Matte/Translucent Wrap

Continued from previous page.

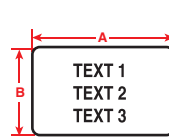


Figure 29

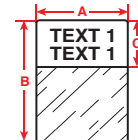


Figure 32

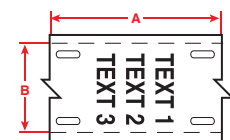


Figure 56

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 43	BPTL-64-427	427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	1000	R4310
Fig. 32	PTL-103-427	427	Vinyl	White	1.000 (25.4)	1.250 (31.8)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-19-642	427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-21-642	427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-31-642	427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 42	PTL-75-427	427	Vinyl	White	1.000 (25.4)	2.625 (66.7)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-96-427	427	Vinyl	White	1.000 (25.4)	0.750 (19.1)	0.375 (9.5)	16 to 10	1	250	R4310
Fig. 29	PTL-105-427-AW	427	Vinyl	White	1.100 (27.9)	0.250 (6.4)	0.250 (6.4)	All White	1	750	R4310
Fig. 32	PTL-33-427	427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BL	427	Vinyl	Blue	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BR	427	Vinyl	Brown	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GR	427	Vinyl	Green	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GY	427	Vinyl	Gray	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-OR	427	Vinyl	Orange	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-PL	427	Vinyl	Purple	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-RD	427	Vinyl	Red	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-YL	427	Vinyl	Yellow	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427	427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-BL	427	Vinyl	Blue	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-BR	427	Vinyl	Brown	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-GR	427	Vinyl	Green	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-GY	427	Vinyl	Gray	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-OR	427	Vinyl	Orange	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-PL	427	Vinyl	Purple	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-RD	427	Vinyl	Red	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-YL	427	Vinyl	Yellow	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	BPTL-109-427	427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	Cables	1	500	R4310
Fig. 32	BPTL-32-427	427	Vinyl	White	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	1000	R4310
Fig. 32	BPTL-33-427	427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	500	R4310
Fig. 32	BPTL-34-427	427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	500	R4310
Fig. 32	PTL-104-427	427	Vinyl	White	1.500 (38.1)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 56	PTL-109-427	427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.500 (38.1)	Cables	1	100	R4310
Fig. 32	PTL-157-427	427	Vinyl	White	1.500 (38.1)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 29	PTL-30-427-AW	427	Vinyl	White	1.500 (38.1)	0.750 (19.1)	0.750 (19.1)	All White	1	250	R4310
Fig. 32	PTL-32-427	427	Vinyl	White	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-BL	427	Vinyl	Blue	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-BR	427	Vinyl	Brown	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-GR	427	Vinyl	Green	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-GY	427	Vinyl	Gray	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-OR	427	Vinyl	Orange	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-PL	427	Vinyl	Purple	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-RD	427	Vinyl	Red	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-32-427-YL	427	Vinyl	Yellow	1.500 (38.1)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-77-461	427	Vinyl	White	1.500 (38.1)	3.500 (88.9)	1.250 (31.8)	Cables	1	100	R4310
Fig. 32	PTL-87-427	427	Vinyl	White	1.750 (44.5)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-88-427	427	Vinyl	White	1.750 (44.5)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 29	PTL-78-427-AW	427	Vinyl	White	1.900 (48.3)	1.000 (25.4)	1.000 (25.4)	All White	1	250	R4310
Fig. 32	PTL-66-427	427	Vinyl	White	1.938 (49.2)	3.150 (80.0)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	BPTL-107-427	427	Vinyl	White	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	1000	R4310
Fig. 32	PTL-107-427	427	Vinyl	White	2.000 (50.8)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	100	R4310



### Finding the correct label height for your Self Laminating labels.

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

**Step 1:** wire diameter x 3.147 (pi) = wire circumference

**Step 2:** wire circumference x 1.5 (allowing label to wrap 1.5 times around wire) = total label length

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

## TLS 2200® Wire & Cable Labels:

### B-498 Repositionable Vinyl Cloth Labels

**Color: White**      **Finish: Semi-Gloss**

Repositionable vinyl cloth label for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

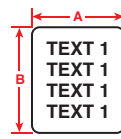


Figure 31

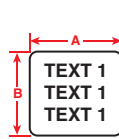


Figure 37

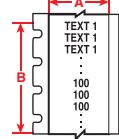


Figure 30



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 30	BPTLTB-498-240	498	Vinyl	White	0.240 (6.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-240	498	Vinyl	White	0.240 (6.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 31	PTL-10-498	498	Vinyl	White	0.250 (6.4)	0.750 (19.1)	16 to 10	1	750	R6210
Fig. 31	PTL-28-498	498	Vinyl	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R6210
Fig. 30	BPTLTB-498-318	498	Vinyl	White	0.318 (8.1)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 30	PTLTB-498-318	498	Vinyl	White	0.318 (8.1)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 30	BPTLTB-498-375	498	Vinyl	White	0.375 (9.5)	300 ft. (91.4 m)	-	1	1 Roll Cont.	R6210
Fig. 31	PTL-16-498	498	Vinyl	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R6210
Fig. 30	PTLTB-498-375	498	Vinyl	White	0.375 (9.5)	30 ft. (9.1 m)	-	1	1 Roll Cont.	R6210
Fig. 31	BPTL-11-498	498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R6210
Fig. 31	BPTL-29-498	498	Vinyl	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	5000	R6210
Fig. 31	PTL-11-498	498	Vinyl	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R6210
Fig. 37	PTL-7-498	498	Vinyl	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R6210
Fig. 31	BPTL-18-498	498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 31	PTL-18-498	498	Vinyl	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-30-498	498	Vinyl	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	BPTL-19-498	498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	2500	R6210
Fig. 37	PTL-15-498	498	Vinyl	White	1.000 (25.4)	0.275 (7.0)	22 to 16	1	750	R6210
Fig. 37	PTL-17-498	498	Vinyl	White	1.000 (25.4)	0.500 (12.7)	12 to 10	1	500	R6210
Fig. 37	PTL-19-498	498	Vinyl	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R6210
Fig. 31	PTL-21-498	498	Vinyl	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R6210
Fig. 31	PTL-23-498	498	Vinyl	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-31-498	498	Vinyl	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 37	PTL-32-498	498	Vinyl	White	1.500 (38.1)	1.500 (38.1)	10 to 4	1	250	R6210
Fig. 31	PTL-33-498	498	Vinyl	White	1.500 (38.1)	4.000 (101.6)	Cables	1	100	R6210
Fig. 31	PTL-34-498	498	Vinyl	White	1.500 (38.1)	6.000 (152.4)	Cables	1	50	R6210

## TLS 2200® Wire & Cable Labels:

### B-499 Nylon Cloth Labels

**Color: White**      **Finish: Matte**

Nylon cloth with permanent adhesive for environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, and general labeling.

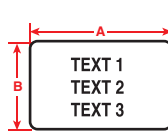


Figure 29

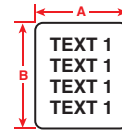


Figure 31

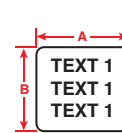


Figure 37



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 31	PTL-28-499	499	Nylon	White	0.250 (6.4)	1.500 (38.1)	10 to 4	1	750	R4310
Fig. 31	PTL-16-499	499	Nylon	White	0.375 (9.5)	1.000 (25.4)	12 to 10	1	500	R4310
Fig. 31	BPTL-11-499	499	Nylon	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	5000	R4310
Fig. 31	PTL-11-499	499	Nylon	White	0.500 (12.7)	0.750 (19.1)	16 to 10	1	500	R4310
Fig. 31	PTL-29-498	499	Nylon	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	500	R6210
Fig. 31	PTL-29-499	499	Nylon	White	0.500 (12.7)	1.500 (38.1)	10 to 4	1	500	R4310
Fig. 37	PTL-7-499	499	Nylon	White	0.500 (12.7)	0.500 (12.7)	22 to 16	1	500	R4310
Fig. 31	PTL-18-499	499	Nylon	White	0.750 (19.1)	1.000 (25.4)	12 to 10	1	250	R4310
Fig. 31	PTL-30-499	499	Nylon	White	0.750 (19.1)	1.500 (38.1)	10 to 4	1	250	R4310
Fig. 29	PTL-84-499	499	Nylon	White	0.900 (22.9)	0.500 (12.7)	-	1	500	R4310
Fig. 37	PTL-19-499	499	Nylon	White	1.000 (25.4)	1.000 (25.4)	12 to 10	1	250	R4310
Fig. 31	PTL-21-499	499	Nylon	White	1.000 (25.4)	2.500 (63.5)	Cables	1	100	R4310
Fig. 31	PTL-23-499	499	Nylon	White	1.000 (25.4)	4.000 (101.6)	Cables	1	100	R4310
Fig. 31	PTL-31-499	499	Nylon	White	1.000 (25.4)	1.500 (38.1)	10 to 4	1	250	R4310
Fig. 31	PTL-87-499	499	Nylon	White	1.000 (25.4)	1.750 (44.5)	-	1	250	R4310
Fig. 31	PTL-160-499	499	Nylon	White	1.750 (44.5)	1.875 (47.6)	-	1	100	R4310
Fig. 29	PTL-78-499	499	Nylon	White	1.900 (48.3)	1.000 (25.4)	-	1	250	R4310
Fig. 29	PTL-81-499	499	Nylon	Yellow	1.900 (48.3)	0.250 (6.3)	-	1	750	R4310
Fig. 31	PTL-161-499	499	Nylon	White	1.930 (49.0)	3.000 (76.2)	-	1	100	R4310

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# TLS 2200® Label Rolls: Voice & Data Comm

www.BradyID.com/tls2200

Portable Label Printers



## TLS 2200® Voice & Data Comm Labels

Identification Solutions for Cables, Closet Hardware, Racks, Panels, Workstations and More. Brady offers a wide range of labels to fit voice, data and video applications.

Together with Brady's printer, label design software, and cable management software, these labels provide the complete solution for voice and data comm identification and documentation.

### Printer Compatibility

All voice and data comm label parts shown on pages 42-45 are only compatible with:



**TLS 2200® Label Printer**  
See Page 22



**TLS PC Link™ Printer**  
See Page 23

## TLS 2200® Data Comm Labels: B-109 Polyethylene Tags

Color: White Finish: Matte

Excellent multi-purpose tag for identifying multiconductor cables, inventory, safety warning repair and work-in-processing manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.

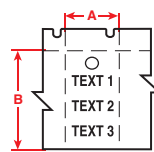


Figure 45

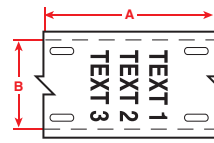


Figure 56



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 45	PTL-36-109	109	Polyethylene	White	1.125 (28.6)	1.750 (44.5)	1	250	R4310
Fig. 56	PTL-12-109	109	Polyethylene	White	3.000 (76.2)	0.750 (19.1)	1	100	R4310

## TLS 2200® Data Comm Labels: B-145 Polyethylene Tags

Color: Gray Finish: Matte

Multipurpose material for tag applications. Ideal for identifying multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress.

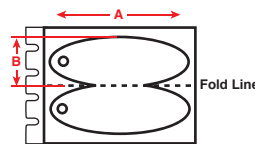


Figure 50



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 50	PTL-111-145FR-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	PTL-111-145-GY	145	Polyethylene	Gray	1.206 (30.6)	0.758 (19.3)	1	100	R6210
Fig. 50	PTL-110-145FR-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210
Fig. 50	PTL-110-145-GY	145	Polyethylene	Gray	1.750 (44.5)	1.000 (25.4)	1	100	R6210

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

TLS 2200® Voice & Data Comm Labels

## TLS 2200® Data Comm Labels: B-412 Polypropylene Tags

**Color:** White      **Finish:** Matte

Thick polypropylene material used for wire, cable and inventory identification. Offers high print legibility and high tensile strength.

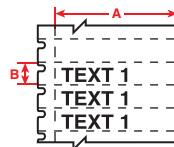


Figure 55



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 55	PTL-40-412	412	Polypropylene	White	1.938 (49.2)	0.375 (9.5)	1	750	R6210

## TLS 2200® Data Comm Labels: B-422 Polyester Labels

**Color:** White      **Finish:** Gloss

White label stock with glossy finish and 2 mils of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, and asset and inventory tracking.

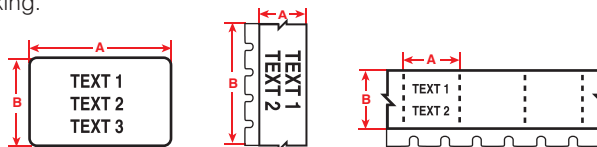


Figure 29

Figure 33

Figure 34



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 34	PTL-39-422	422	Polyester	White	0.375 (9.5)	0.600 (15.2)	1	750	R6010
Fig. 33	PTL-46-422	422	Polyester	White	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-422	422	Polyester	White	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-422	422	Polyester	White	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-16-422	422	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-422	422	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-29-422	422	Polyester	White	1.050 (38.1)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-422	422	Polyester	White	1.050 (38.1)	0.375 (9.5)	1	500	R6010

## TLS 2200® Data Comm Labels: B-423 Polyester Labels

**Color:** White      **Finish:** Gloss

White polyester thermal transfer label with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.

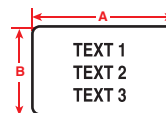


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-10-423	423	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: Voice & Data Comm

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TLS 2200® Data Comm Labels:

## B-427 Self-Laminating Vinyl Labels

Color: White/ Translucent

Finish: Matte Printable Zone/ Translucent Wrap

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

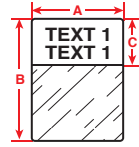


Figure 32

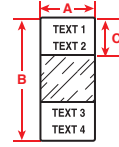


Figure 43



Portable Label Printers

TLS 2200® Voice & Data Comm Labels

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Approx. Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 32	PTL-19-427	427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-BL	427	Vinyl	Blue	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-BR	427	Vinyl	Brown	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-GR	427	Vinyl	Green	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-GY	427	Vinyl	Gray	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-OR	427	Vinyl	Orange	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-PL	427	Vinyl	Purple	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-RD	427	Vinyl	Red	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-19-427-YL	427	Vinyl	Yellow	1.000 (25.4)	1.000 (25.4)	0.375 (9.5)	12 to 10	1	250	R4310
Fig. 32	PTL-21-427	427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-BL	427	Vinyl	Blue	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-BR	427	Vinyl	Brown	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-GR	427	Vinyl	Green	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-GY	427	Vinyl	Gray	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-OR	427	Vinyl	Orange	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-PL	427	Vinyl	Purple	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-RD	427	Vinyl	Red	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-21-427-YL	427	Vinyl	Yellow	1.000 (25.4)	2.500 (63.5)	0.750 (19.1)	Cables	1	100	R4310
Fig. 32	PTL-23-427	427	Vinyl	White	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BL	427	Vinyl	Blue	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-BR	427	Vinyl	Brown	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GR	427	Vinyl	Green	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-GY	427	Vinyl	Gray	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-OR	427	Vinyl	Orange	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-PL	427	Vinyl	Purple	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-RD	427	Vinyl	Red	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-23-427-YL	427	Vinyl	Yellow	1.000 (25.4)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-31-427	427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BL	427	Vinyl	Blue	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-BR	427	Vinyl	Brown	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GR	427	Vinyl	Green	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-GY	427	Vinyl	Gray	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-OR	427	Vinyl	Orange	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-PL	427	Vinyl	Purple	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-RD	427	Vinyl	Red	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 32	PTL-31-427-YL	427	Vinyl	Yellow	1.000 (25.4)	1.500 (38.1)	0.500 (12.7)	10 to 4	1	250	R4310
Fig. 43	PTL-64-427	427	Vinyl	White	1.000 (25.4)	3.375 (85.7)	1.125 (28.6)	Cables	1	100	R4310
Fig. 32	PTL-33-427	427	Vinyl	White	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BL	427	Vinyl	Blue	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-BR	427	Vinyl	Brown	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GR	427	Vinyl	Green	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-GY	427	Vinyl	Gray	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-OR	427	Vinyl	Orange	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-PL	427	Vinyl	Purple	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-RD	427	Vinyl	Red	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-33-427-YL	427	Vinyl	Yellow	1.500 (38.1)	4.000 (101.6)	1.000 (25.4)	Cables	1	100	R4310
Fig. 32	PTL-34-427	427	Vinyl	White	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-BL	427	Vinyl	Blue	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-BR	427	Vinyl	Brown	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-GR	427	Vinyl	Green	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-GY	427	Vinyl	Gray	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-OR	427	Vinyl	Orange	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-PL	427	Vinyl	Purple	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-RD	427	Vinyl	Red	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-34-427-YL	427	Vinyl	Yellow	1.500 (38.1)	6.000 (152.4)	1.500 (38.1)	Cables	1	50	R4310
Fig. 32	PTL-66-427	427	Vinyl	White	1.938 (49.2)	3.150 (80.0)	1.000 (25.4)	Cables	1	100	R4310

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

## TLS 2200® Data Comm Labels: B-430 Polyester Labels

**Color:** Clear **Finish:** Gloss

Translucent, high performance polyester material with a glossy finish. Non-colored label with permanent adhesive. Good for general purpose thermal transfer printing.

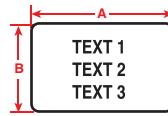


Figure 29



Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-46-430	430	Polyester	Clear	0.375 (9.5)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-44-430	430	Polyester	Clear	0.500 (12.7)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-7-430	430	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-16-430	430	Polyester	Clear	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-430	430	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-45-430	430	Polyester	Clear	1.050 (38.1)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-29-430	430	Polyester	Clear	1.500 (38.1)	0.500 (12.7)	1	500	R6010

## TLS 2200® Data Comm Labels: B-432 Polyester Labels

**Color:** Clear **Finish:** Gloss

Translucent, high performance polyester material with a glossy finish. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.

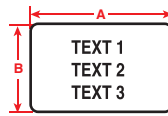


Figure 29



Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-432	432	Polyester	Clear	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010
Fig. 29	PTL-10-432	432	Polyester	Clear	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-11-432	432	Polyester	Clear	0.750 (19.1)	0.500 (12.7)	1	500	R6010

## TLS 2200® Data Comm Labels: B-483 Polyester Labels

**Color:** White **Finish:** Gloss

White polyester thermal transfer label with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.



Figure 33

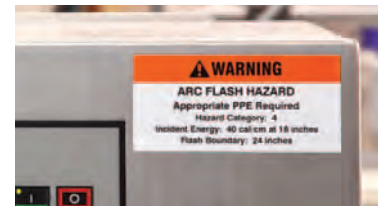


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-483	483	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R6010

## TLS 2200® Data Comm Labels: B-489 Polyester Labels

**Color:** White **Finish:** Matte

White polyester thermal transfer label with matte finish and aggressive adhesive. Specifically designed for powder coated surfaces. A matte version of B-483.

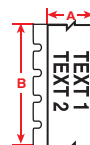


Figure 33



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 33	PTL-101-489	489	Polyester	White	0.250 (6.4)	50 ft. (15.2 m)	1	1 Roll Cont.	R4310

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: Raised Panel

www.BradyID.com/tls2200

Portable Label Printers

TLS 2200® Label Rolls: Raised Panel



## TLS 2200® Raised Panel Labels

Brady's Raised Panel Labels are foam-backed polyester labels with an aggressive, permanent adhesive. Thicker and more durable than a normal label, Raised Panel Labels are a cost-effective alternative to engraved legend plates. They can be used to identify industrial control panels, patch panels and other indoor components, as well as outdoor electrical boxes, instrument panels and more.

With Brady's print solutions, you can now create your instrument panel labels in real time with technology that you already have in your facility - a much more practical and customizable option than traditional legend plates.

### Printer Compatibility

All raised panel label parts shown on pages 46-47 are only compatible with:



**TLS 2200®  
Label Printer**  
See Page 22



**TLS PC Link™  
Printer**  
See Page 23

## TLS 2200® Rectangular Raised Panel Labels: B-593 Foam Backed Polyester Labels

Color: White, Black, Red, Yellow, Green, Silver      Finish: Gloss

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Can be printed with alphanumeric for use as rating and serial plates. Available in white, black, yellow, red, green and silver.

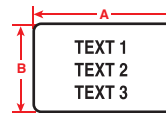


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTLEP-171-593	593	Polyester	White	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-171-593-BK	593	Polyester	Black	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-171-593-GN	593	Polyester	Green	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-171-593-RD	593	Polyester	Red	1.060 (26.9)	0.490 (12.5)	1	200	R4410-WT
Fig. 29	PTLEP-171-593-SL	593	Polyester	Silver	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-171-593-YL	593	Polyester	Yellow	1.060 (26.9)	0.490 (12.5)	1	200	R6010
Fig. 29	PTLEP-173-593	593	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-173-593-BK	593	Polyester	Black	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-173-593-GN	593	Polyester	Green	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-173-593-RD	593	Polyester	Red	2.000 (50.8)	1.000 (25.4)	1	100	R4410-WT
Fig. 29	PTLEP-173-593-SL	593	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-173-593-YL	593	Polyester	Yellow	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTLEP-176-593	593	Polyester	White	3.000 (76.2)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-176-593-BK	593	Polyester	Black	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-176-593-GN	593	Polyester	Green	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-176-593-RD	593	Polyester	Red	3.000 (76.2)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-176-593-YL	593	Polyester	Yellow	3.000 (76.2)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-174-593	593	Polyester	White	4.000 (101.6)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-174-593-BK	593	Polyester	Black	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-GN	593	Polyester	Green	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-RD	593	Polyester	Red	4.000 (101.6)	1.000 (25.4)	1	50	R4410-WT
Fig. 29	PTLEP-174-593-SL	593	Polyester	Silver	4.000 (101.6)	1.000 (25.4)	1	50	R6010
Fig. 29	PTLEP-174-593-YL	593	Polyester	Yellow	4.000 (101.6)	1.000 (25.4)	1	50	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## B-593 Raised Panel - Proven Outdoor Durability

We tested our B-593 Raised Panel Labels using the Atlas Ci5000 Weather-Ometer®, the industry's artificial and accelerated weather testing system.

The labels were exposed to controlled cycles of Xenon Arc light and water spray to simulate the natural conditions of sun, rain and temperature changes. Based on internal test results, 800 hours in the Weather-Ometer is equivalent to approximately 1 year of outdoor exposure in Wisconsin.



The white label in this photo was tested for 9,100 hours...the equivalent of 11 years outdoors!

*\* Information gathered through Brady's internal product testing conducted at our Tobey Research and Innovation Center by Brady Engineers. Individual test results may differ.*

*Weather-Ometer® is a registered trademark belonging to Atlas Material Testing Solutions, L.L.C.*

## Outdoor Durability Chart

Label Color	Ribbon	Est. Outdoor Durability
White	R6000	10 Years
Yellow	R6000	5 Years
Silver	R6000	5 Years
Green	R6000	5 Years
Red	R6000	5 Years
Red	R4400-WT	3 Years
Black	R4400-WT	3 Years
Green	R4400-WT	3 Years

Suggested Indoor and Outdoor Applications:

- Industrial control panels
- Electrical boxes and instrument panels
- Signal lights and motor controls
- Push buttons

## TLS 2200® Raised Panel Push Button Labels:

### B-593 Foam Backed Polyester Labels

**Color: White, Black, Red, Yellow, Green, Silver**      **Finish: Gloss**

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Can be printed with alphanumerics for use as rating and serial plates. Available in white, black, yellow, red, green and silver.

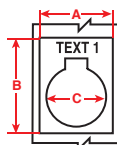


Figure 49



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Dia. Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 49	PTLEP-167-593	593	Polyester	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1	100	R6010
Fig. 49	PTLEP-167-593-BK	593	Polyester	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-167-593-GN	593	Polyester	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-167-593-RD	593	Polyester	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-167-593-YL	593	Polyester	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1	100	R6010
Fig. 49	PTLEP-168-593	593	Polyester	White	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	1	100	R6010
Fig. 49	PTLEP-168-593-BK	593	Polyester	Black	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-GN	593	Polyester	Green	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-RD	593	Polyester	Red	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	1	100	R4410-WT
Fig. 49	PTLEP-168-593-YL	593	Polyester	Yellow	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	1	100	R6010
Fig. 49	PTLEP-169-593	593	Polyester	White	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R6010
Fig. 49	PTLEP-169-593-BK	593	Polyester	Black	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-GN	593	Polyester	Green	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-RD	593	Polyester	Red	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R4410-WT
Fig. 49	PTLEP-169-593-YL	593	Polyester	Yellow	1.800 (45.7)	1.800 (45.7)	1.200 (30.5)	1	100	R6010



## Do You Need? Emergency Stop Labels

Brady offers raised panel labels pre-printed with "Emergency Stop" as well as specially sized overlaminates for rectangular or push button style raised panel labels. View page 139 for more information.



# TLS 2200® Label Rolls: Circuit Board ID

www.BradyID.com/tls2200

Portable Label Printers



## TLS 2200® Circuit Board Labels

Brady's circuit board labels, or PCB labels, are polyimide labels that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB labels in a variety of materials, including anti-static PCB labels and labels for auto-apply applications. These high temp circuit board labels can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.

### Printer Compatibility

All circuit board label parts shown on pages 48-51 are only compatible with:



**TLS 2200® Label Printer**  
See Page 22



**TLS PC Link™ Printer**  
See Page 23

## TLS 2200® Circuit Board Labels: B-426 Polyimide Labels

**Color: Amber Finish: Matte**

Amber polyimide with matte finish and permanent adhesive. Used for printed circuit board and electronic component preprocess labeling. When used with Series R4300 ribbon, fulfills requirements of: MIL-PRF-55110G General Specification for Printed Wiring Boards, MIL-STD-202G, Notice 12, Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

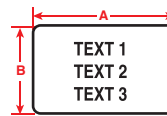


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-426	426	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-3-426	426	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-4-426	426	Polyimide	Amber	0.400 (10.6)	0.400 (10.2)	1	500	R4310
Fig. 29	PTL-6-426	426	Polyimide	Amber	0.500 (12.7)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-9-426	426	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	1	750	R4310
Fig. 29	PTL-10-426	426	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-13-426	426	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-16-426	426	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-426	426	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-25-426	426	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-27-426	426	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	1	750	R4310
Fig. 29	PTL-28-426	426	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-2-426	426	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	1	100	R4310

TLS 2200® Label Rolls: Circuit Board ID

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## TLS 2200® Circuit Board Labels: B-457 Polyimide Labels

**Color: White**      **Finish: Gloss**

High temperature performance, white polyimide material with glossy finish and permanent adhesive. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. In combination with the Series R6000/R6000HF ribbons, it passes the requirements of MIL-STD-202G, Notice 12, Method 215K. Can be used with auto dispense machines.

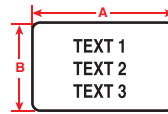


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-457	457	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-457	457	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-457	457	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-457	457	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-457	457	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-457	457	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-457	457	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-457	457	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-457	457	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-25-457	457	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-457	457	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-457	457	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-457	457	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

## TLS 2200® Circuit Board Labels: B-473 Electrostatic Dissipative Polyester Labels

**Color: Clear**      **Finish: Gloss**

White polyester with glossy finish used for printed circuit board and electronic component post-process labeling. Features a permanent static dissipative adhesive and a static dissipative release liner. Surface resistivity values in the recommended range for dissipative ESD packing materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

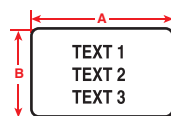


Figure 29

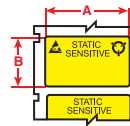


Figure 41



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-473	473	Polyester	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-5-473	473	Polyester	White	0.500 (12.7)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-6-473	473	Polyester	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-473	473	Polyester	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-473	473	Polyester	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-16-473	473	Polyester	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-473	473	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 41	PTLSL-17-473	473	Polyester	Yellow	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-28-473	473	Polyester	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

# TLS 2200® Label Rolls: Circuit Board ID

www.BradyID.com/tls2200

TLS 2200® Circuit Board Labels:

## B-477 Electrostatic Dissipative Polyimide Labels

Color: White Finish: Gloss

High temperature white polyimide material (2 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

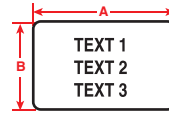


Figure 29

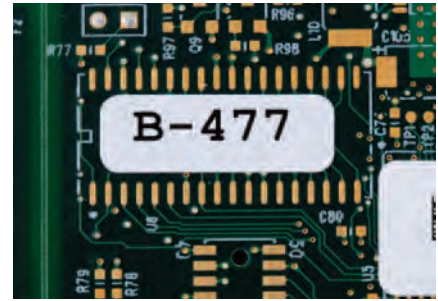


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-477	477	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-477	477	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-9-477	477	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-477	477	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-477	477	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-25-477	477	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-477	477	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-477	477	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-477	477	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

TLS 2200® Circuit Board Labels:

## B-478 Electrostatic Dissipative Polyimide Labels

Color: White Finish: Gloss

High temperature, low profile white polyimide material (1 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Reduced profile and thin, lighter weight label material ideal for high temperature wire marking. Surface resistivity values in the recommended range for Dissipative ESD Packaging Materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

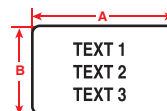


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-478	478	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-478	478	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-478	478	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-478	478	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-478	478	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-478	478	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-478	478	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-478	478	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-478	478	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-478	478	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-478	478	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-478	478	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-478	478	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-478	478	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.

## TLS 2200® Circuit Board Labels: B-479 Electrostatic Dissipative Polyimide Labels

**Color: White      Finish: Matte**

High temperature, low profile white polyimide material (1 mil) with a permanent static dissipative adhesive and static dissipative release liner. Similar to B-478, but with a matte topcoat, which prevents solder balls from sticking after molten wave solder exposure. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

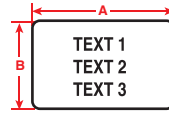


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-479	479	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-479	479	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-479	479	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-479	479	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-479	479	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-479	479	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-479	479	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-479	479	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-479	479	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-17-479	479	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-25-479	479	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-479	479	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-479	479	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-479	479	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

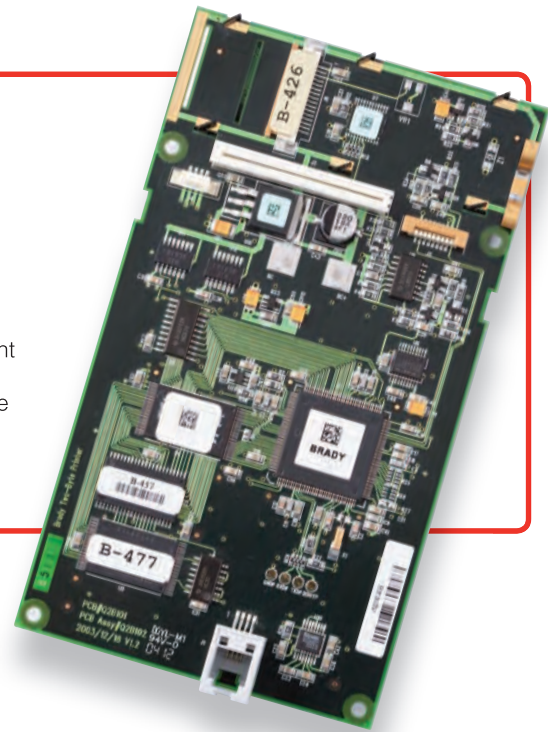


### Did You Know?

Brady teamed up with ZESTRON, a market leader in high precision cleaning process solutions, to conduct extensive chemical compatibility testing on Brady's line of polyimide labels, which are commonly used as printed circuit board (PCB) identification labels.

According to the test results, all Brady polyimide labels submitted can successfully withstand ZESTRON's latest cleaning chemicals – these test results are critically important to circuit board manufacturers, as they ensure that Brady polyimide labels will stay adhered and legible throughout the whole circuit board production process.

To view the complete test results, visit [www.BradyID.com](http://www.BradyID.com).



# TLS 2200® Label Rolls: Tamper Indicating

www.BradyID.com/tls2200

Portable Label Printers

TLS 2200® Label Rolls: Brand Protection



## Printer Compatibility

All Tamper indicating label parts shown on this page are only compatible with:



**TLS 2200®  
Label Printer**  
See Page 22



**TLS PC Link™  
Printer**  
See Page 23

## TLS 2200® Tamper Indicating Labels

Brady offers an assortment of standard and custom engineered tamper indicating labels to meet your particular product protection needs. These tamper seals and tamper indicating labels provide irreversible, visible evidence of tampering to protect against warranty fraud, product tampering, alteration, and misuse or asset theft. Tamper indicating labels can protect your product's unique model and serial number, and help reduce the chance of liability issues due to unauthorized service or misuse.

### 3" Core Tamper Indicating Labels:

#### B-351 Destructible Vinyl Labels

**Color: White Finish: Matte**

White matte vinyl material with permanent adhesive. Material fractures to show signs of tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile.

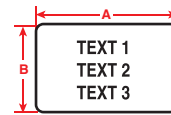


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-351	351	Vinyl	White	1.000 (25.4)	0.500 (12.7)	1	500	R6210
Fig. 29	PTL-31-351	351	Vinyl	White	1.500 (38.1)	1.000 (25.4)	1	250	R6210
Fig. 29	PTL-20-351	351	Vinyl	White	2.000 (50.8)	1.000 (25.4)	1	100	R6210
Fig. 29	PTL-37-351	351	Vinyl	White	3.000 (76.2)	1.900 (48.3)	1	100	R6210

### 3" Core Tamper Indicating Labels:

#### B-352 Destructible Vinyl Labels

**Color: Silver Finish: Matte**

Metallized matte vinyl material with permanent adhesive. Material fractures to show signs of tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile.

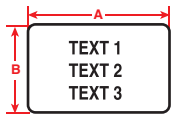


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-352	352	Vinyl	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-352	352	Vinyl	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-352	352	Vinyl	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-352	352	Vinyl	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010

### 3" Core Tamper Indicating Labels:

#### B-7546 VOID Footprint Polyester Labels

**Color: White Finish: Gloss**

White glossy polyester tamper-indicating material leaves a "VOID" footprint when label is removed to prevent reuse. Adhesive doesn't allow repositioning and requires minimal handling in order to prevent a premature "VOID" pattern.

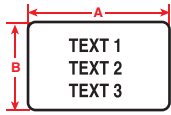


Figure 29



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-17-7546	7546	Polyester	White	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-7546	7546	Polyester	White	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-7546	7546	Polyester	White	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-7546	7546	Polyester	White	3.000 (76.2)	1.900 (48.3)	1	100	R6010
Fig. 29	PTL-17-7566	7566	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-30-7566	7566	Polyester	Clear	1.500 (38.1)	0.750 (19.1)	1	250	R6010
Fig. 29	PTL-31-7566	7566	Polyester	Clear	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-17-7576	7576	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1	500	R6010
Fig. 29	PTL-31-7576	7576	Polyester	Silver	1.500 (38.1)	1.000 (25.4)	1	250	R6010
Fig. 29	PTL-20-7576	7576	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1	100	R6010
Fig. 29	PTL-37-7576	7576	Polyester	Silver	3.000 (76.2)	1.900 (48.3)	1	100	R6010

See all TLS 2200® print ribbon parts on page 53 and full material descriptions on pages 164-170.



## TLS 2200® & TLS PC Link™ Printer Ribbons

Note: Black Ribbon R6210 included with TLS 2200 printer purchase.

Part Number	Description	Size
R4310	Black Ribbon	75' (22.90 m)
R6010	Black Ribbon	75' (22.90 m)
R6210	Black Ribbon	75' (22.90 m)
R4410-BL	Blue Ribbon	75' (22.90 m)
R4410-RD	Red Ribbon	75' (22.90 m)
R4410-WT	White Ribbon	75' (22.90 m)



### TLS 2200® & TLS PC Link™ Print Ribbon / Material Compatibility

B-Number	Material	R4310 (Black)	R6010 (Black)	R6210 (Black)	R4410 (Colors)
B-109	Polyethylene	●	●	-	-
B-145	Polyethylene	-	-	●	-
B-321	Polyolefin	-	-	-	●
B-342	Polyolefin	●	-	-	-
B-351	Vinyl	-	-	-	●
B-352	Vinyl	-	-	●	-
B-390	Polypropylene	-	●	-	-
B-412	Polypropylene	-	-	-	●
B-422	Polyester	-	▲	● UL/CSA	▲
B-423	Polyester	-	▲	● UL/CSA/AGA	▲
B-424	Paper	●	-	-	-
B-425	Polypropylene	● UL	-	● UL/CSA	-
B-426	Polyimide	●	-	-	-
B-427	Vinyl	● UL	-	-	▲
B-428	Polyester	● UL/CSA/AGA	-	-	-
B-430	Polyester	-	▲	● UL/CSA	▲
B-432	Polyester	-	▲	● UL/CSA	-
B-435	Polyester	-	-	● UL/CSA	-
B-439	Vinyl	-	▲	●	▲
B-449	Polypropylene	●	-	●	-
B-457	Polyimide	-	-	● UL	-
B-459	Polyester	-	▲ UL	● UL/CSA	-
B-461	Polyester	●	-	-	▲
B-473	Polyester	-	-	● UL/CSA	▲
B-477	Polyimide	-	-	● UL	▲
B-478	Polyimide	-	-	● UL	-
B-479	Polyimide	-	-	● UL	-
B-483	Polyester	-	▲	● UL/CSA	▲
B-486	Polyester	● UL/CSA	-	-	-
B-488	Polyester	● UL/CSA/AGA	-	-	● UL/CSA
B-489	Polyester	● UL/CSA	-	-	-
B-490	Polyester	●	-	▲	-
B-498	Vinyl Cloth	▲	-	-	●
B-499	Nylon Cloth	● UL/CSA	-	-	▲
B-593	Polyester	-	● UL/cUL	-	● UL/cUL
B-7546	Polyester	-	-	● UL/CSA	-
B-7566	Polyester	-	▲	●	-
B-7576	Polyester	-	▲	● UL	-
B-8425	Polyolefin	-	▲	● UL	-

- Rec. Ribbon for use with respective material.
- ▲ Acceptable ribbon for use with respective material.

For more information on Brady materials, visit [www.BradyID.com/techdata](http://www.BradyID.com/techdata).

- UL These materials are UL recognized with its respective ribbon.
- cUL These materials have been evaluated to Canadian safety requirements.
- CSA These materials are approved with its respective ribbon.
- AGA These materials are AGA approved.



### Ever Wonder How Many Labels Per Ribbon?

Have you ever wondered approximately how many labels you can print from one TLS 2200 Ribbon? Try this formula: (Note: Our standard TLS2200 ribbons are 900 inches long (75 ft).)

**Step 1:** label height + 0.10 = X

**Step 2:** 900 inches ÷ X = total labels per ribbon

**Example:** Part Number PLT-19-422 is 1.0" tall.

1.0 inch label height + 0.10 = 1.10

900 inches ÷ 1.10 = 818 labels per ribbon

# BMP®71 Label Printer

www.BradyID.com/bmp71

Portable Label Printers



## BMP®71 LABEL PRINTER

Thousands Of Applications. Hundreds Of Labels. One Label Printer.

The best features and functionalities of Brady's portable label printers are now combined into one easy-to-use, top-of-the-line portable thermal transfer printer.

### Features include:

- 100's Of Symbols
- Reverse Print
- Subscripts
- Auto Font Size
- Barcodes
- Time/Date Stamps
- Underline/Italics/Bold
- Serialization
- Expand/Condense
- And more!



**Online Video:**  
www.BradyID.com/bmp71

### Your Complete Printing Solution:

BMP71 Label Rolls ..... Page 55-65  
BMP71 Print Ribbons ..... Page 66

Part Number	Description
BMP71*	BMP71 Printer
BMP71-LM*	BMP71 Printer w/ LabelMark Standard Software
BMP71-MW*	BMP71 Printer w/ Markware Lean Software
BMP71-QC*	BMP71 Printer w/ Quick Charger
BMP71-SC*	BMP71 Printer w/ Soft Case
BMP71-SC-QC*	BMP71 Printer w/ Soft Case and Quick Charger
M71-AC-BC	BMP71 AC/Battery Adaptor
M71-ADAPT	TLS/Handmark Media Adaptor
M71-BATT	BMP71 Battery Pack
M71-CABLE	BMP71 USB Cable
M71-CLEAN	BMP71 Cleaning Kit
M71-HC	BMP71 Hardcase
M71-QC	BMP71 Quick Charger
M71-SC	BMP71 Softcase
BMP71-360	Brady360® Replacement Plan
BMP71-360-KIT	BMP71 Printer w/ Brady360® Replacement Program

\*Printer ships with Hardcase, Charger/AC Adapter, (1) Roll of M71-31-423 White Die Cut Labels, (1) M71-R6000 Black Ribbon Cartridge, Media Adapter, USB Cable, Quickstart Guide, drivers CD, Users Guide, Tutorial and 1 year Limited Warranty.

U.S. Patent No. 7,999,836.



**? Did You Know?**

The BMP71 printer can also print on TLS2200® and HandiMark® consumables using the included Media Adaptor!

TLS 2200 Printer Specifications	
<b>Label Types/ Application Functions</b>	Banner Portrait, Banner Landscape, Wire, Flag Labels, Patch Panel, Terminal Block, Desi Strip, 110 Block, 66 Block, Bix Block, Fixed Length, Pipe Markers, Safety Labels
<b>Applications</b>	Circuit Board Labeling, Data Communications Labeling, Facility, Safety & Maintenance ID, General & Industrial Labeling, Healthcare ID, Laboratory ID, Panel ID, Security ID, Wire & Cable Marking, Pipe Marking
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	300 dpi
<b>Print Speed</b>	38 mm/sec
<b>Color Capability</b>	Single Color Printing
<b>Max Labels per Day</b>	1000 labels/day
<b>Keyboard</b>	QWERTY
<b>Backlit Screen</b>	Yes
<b>Portability</b>	Yes
<b>Weight</b>	5.49 lbs
<b>Power Supply</b>	Rechargeable Battery, AC Power
<b>PC Connect Printing</b>	Yes - USB
<b>Stand Alone Printing</b>	Yes
<b>Compatible Software</b>	Labelmark™ Software, MarkWare™ Software, Windows® based driver for 3rd party software use*
<b>Memory</b>	200 MB
<b>File Transfer from PC to printer</b>	Yes
<b>Continuous vs. Die Cut Labels</b>	Continuous and Die Cut Labels
<b>Materials Supported</b>	Continuous, Die Cut labels, Bulk, Over 400 stock parts
<b>Tape Widths</b>	Various sizes from 0.250" to 2.000"
<b>Max Label Width</b>	2.000"
<b>Max Print Width</b>	1.750"
<b>Label Roll Length</b>	50 ft/500 ft bulk
<b>Text Sizes</b>	4 to 174 pt
<b>Multi-Line Print</b>	Yes
<b>Print Rotation</b>	Yes
<b>Serialization</b>	Yes - multiple and linked
<b>Barcode</b>	39 and 128
<b>Symbols</b>	Over 500
<b>Warranty</b>	1 Year Limited Warranty Included, 360 Replacement Printer Plan Available

BMP®71 Label Printer



### Brady 360® Replacement Printer Plan

supplements the Limited Warranty already included with your printer purchase. This Replacement Plan allows you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

\*Printheads are covered. \*Limit of two printers in the first 12 months of initial purchase.

## The one way to faster, easier label printing.



Electrical Labeling



Voice & Data Communications



General Identification



PermaSleeve® Wire Marking Sleeves



Self-Laminating Labels



Safety Labels ...and many more!

Windows® is a registered trademark of Microsoft Corporation.

## Indoor/Outdoor Labels for General Industrial, Lean & Safety ID

- **B-428 Polyester Labels** - For applications that utilize barcodes, alphanumerics, graphic symbols and logos and require nameplate-like quality.
- **B-529 Economy Polypropylene Tape** - For use indoors on smooth, flat surfaces.
- **B-595 Indoor/Outdoor Vinyl Film** - Aggressive permanent adhesive, very pliable, conforms to rough surfaces, excellent resistance to oils, detergents, dirt, and many solvents.



Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels/Roll	Rec. Ribbon
					Inch	(mm)	Inch	(mm)		
<b>B-595 Indoor/Outdoor Vinyl Film</b>										
Fig. 33	M71C-500-595-BK	B-595	Vinyl	Black	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-BL	B-595	Vinyl	Blue	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-BR	B-595	Vinyl	Brown	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-CL	B-595	Vinyl	Clear	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-GD	B-595	Vinyl	Gold	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-GN	B-595	Vinyl	Green	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-GY	B-595	Vinyl	Grey	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-LB	B-595	Vinyl	Light Blue	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-OC	B-595	Vinyl	Ochre	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-OR	B-595	Vinyl	Orange	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-PK	B-595	Vinyl	Pink	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-PL	B-595	Vinyl	Purple	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-RD	B-595	Vinyl	Red	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-500-595-SB	B-595	Vinyl	Sky Blue	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-TN	B-595	Vinyl	Tan	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-WT	B-595	Vinyl	White	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-595-YL	B-595	Vinyl	Yellow	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-BK	B-595	Vinyl	Black	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-BL	B-595	Vinyl	Blue	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-BR	B-595	Vinyl	Brown	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-CL	B-595	Vinyl	Clear	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-GD	B-595	Vinyl	Gold	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-GN	B-595	Vinyl	Green	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-GY	B-595	Vinyl	Grey	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-LB	B-595	Vinyl	Light Blue	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-OC	B-595	Vinyl	Ochre	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-OR	B-595	Vinyl	Orange	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-PK	B-595	Vinyl	Pink	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-PL	B-595	Vinyl	Purple	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-RD	B-595	Vinyl	Red	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-1000-595-SB	B-595	Vinyl	Sky Blue	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-TN	B-595	Vinyl	Tan	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-WT	B-595	Vinyl	White	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-595-YL	B-595	Vinyl	Yellow	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-BK	B-595	Vinyl	Black	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-BL	B-595	Vinyl	Blue	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-BR	B-595	Vinyl	Brown	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-CL	B-595	Vinyl	Clear	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-GD	B-595	Vinyl	Gold	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-GN	B-595	Vinyl	Green	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-GY	B-595	Vinyl	Grey	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-LB	B-595	Vinyl	Light Blue	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-OC	B-595	Vinyl	Ochre	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-OR	B-595	Vinyl	Orange	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-PK	B-595	Vinyl	Pink	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-PL	B-595	Vinyl	Purple	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-RD	B-595	Vinyl	Red	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R4400-WT
Fig. 33	M71C-2000-595-SB	B-595	Vinyl	Sky Blue	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-TN	B-595	Vinyl	Tan	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-WT	B-595	Vinyl	White	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-595-YL	B-595	Vinyl	Yellow	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
<b>B-428 Polyester Labels</b>										
Fig. 33	M71C-500-428	B-428	Polyester	Silver	0.500	(12.700)	50 ft.	(15.240 m)	1 Roll (cont.)	M71-R4300
<b>B-529 Economy Polypropylene Tape</b>										
Fig. 33	M71C-1000-529	B-529	Polypropylene	White	1.000	(25.400)	50 ft.	(15.240 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-529	B-529	Polypropylene	White	2.000	(50.800)	50 ft.	(15.240 m)	1 Roll (cont.)	M71-R6000

Note: As of March 2011, B-580 material has been replaced by B-595 material. The updated Part Numbers are shown in table above. For example: Part Number "M71C-500-580-BK" has been replaced with "M71C-500-595-BK".

See all BMP®71 ribbon parts on page 66 or full material descriptions on pages 164-170.

# BMP®71 Label Rolls

www.BradyID.com/bmp71

## General Labels/Rating Plates

Choose from several materials with aggressive adhesives for use in commercial/industrial applications.

- **B-424 Paper Labels** - White matte paper label
- **B-430 Polyester Labels** - Clear glossy polyester
- **B-459 Polyester Labels** - White matte polyester
- **B-483 Polyester Labels** - White glossy polyester
- **B-486 Polyester Labels** - Metallized glossy polyester
- **B-488 Polyester Labels** - White matte polyester
- **B-489 Polyester Labels** - White matte polyester



Figure 33

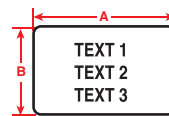


Figure 29

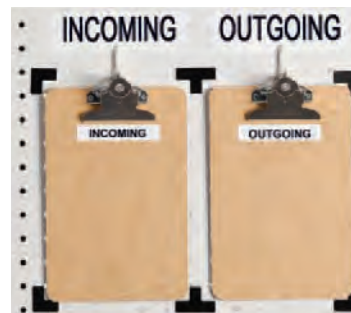


Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-424 Paper Labels</b>								
Fig. 29	BM71-20-424*	B-424	Paper	White	2.000 (50.800)	1.000 (25.400)	1000	M71-R4300
Fig. 29	M71-20-424	B-424	Paper	White	2.000 (50.800)	1.000 (25.400)	100	M71-R4300
<b>B-430 Polyester Labels</b>								
Fig. 29	M71-68-430	B-430	Polyester	Clear	0.240 (6.000)	0.150 (3.810)	750	M71-R6000
Fig. 29	M71-71-430	B-430	Polyester	Clear	0.350 (8.890)	0.200 (5.080)	750	M71-R6000
Fig. 33	M71C-375-430	B-430	Polyester	Clear	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-430	B-430	Polyester	Clear	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-16-430	B-430	Polyester	Clear	1.000 (25.400)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-17-430	B-430	Polyester	Clear	1.000 (25.400)	0.500 (12.700)	500	M71-R6000
Fig. 33	M71C-1000-430	B-430	Polyester	Clear	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-45-430	B-430	Polyester	Clear	1.050 (38.100)	0.375 (9.530)	500	M71-R6000
Fig. 33	M71C-1900-430	B-430	Polyester	Clear	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
<b>B-459 Polyester Labels</b>								
Fig. 29	M71-29-459	B-459	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-30-459	B-459	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 29	M71-20-459	B-459	Polyester	White	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
<b>B-483 Polyester Labels</b>								
Fig. 33	M71C-500-483	B-483	Polyester	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-16-483	B-483	Polyester	White	1.000 (25.400)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-17-483	B-483	Polyester	White	1.000 (25.400)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-19-483	B-483	Polyester	White	1.000 (25.400)	1.000 (25.400)	250	M71-R6000
Fig. 33	M71C-1000-483	B-483	Polyester	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-65-483	B-483	Polyester	White	1.375 (34.930)	1.000 (25.400)	250	M71-R6000
Fig. 29	M71-29-483	B-483	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R6000
Fig. 29	M71-30-483	B-483	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 29	M71-31-483	B-483	Polyester	White	1.500 (38.100)	1.000 (25.400)	250	M71-R6000
Fig. 33	M71C-1900-483	B-483	Polyester	White	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-61-483	B-483	Polyester	White	2.000 (50.800)	0.500 (12.700)	100	M71-R6000
Fig. 29	M71-20-483	B-483	Polyester	White	2.000 (50.800)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71-37-483	B-483	Polyester	White	3.000 (76.200)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-23-483	B-483	Polyester	White	4.000 (101.600)	1.000 (25.400)	100	M71-R6000
Fig. 29	M71-38-483	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
<b>B-486 Polyester Labels</b>								
Fig. 29	M71-17-486	B-486	Polyester	Silver	1.000 (25.400)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-29-486	B-486	Polyester	Silver	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-30-486	B-486	Polyester	Silver	1.500 (38.100)	0.750 (19.050)	250	M71-R4300
Fig. 29	M71-20-486	B-486	Polyester	Silver	2.000 (50.800)	1.000 (25.400)	100	M71-R4300
Fig. 29	M71-37-486	B-486	Polyester	Silver	3.000 (76.200)	1.900 (48.260)	100	M71-R4300
<b>B-488 Polyester Labels</b>								
Fig. 29	M71-80-488	B-488	Polyester	White	0.750 (19.050)	0.900 (22.860)	250	M71-R4300
Fig. 29	M71-97-488	B-488	Polyester	White	0.900 (22.860)	0.900 (22.860)	250	M71-R4300
Fig. 29	M71-81-488	B-488	Polyester	White	1.900 (48.260)	0.250 (6.350)	750	M71-R4300
<b>B-489 Polyester Labels</b>								
Fig. 29	M71-29-489	B-489	Polyester	White	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 29	M71-32-489	B-489	Polyester	White	1.500 (38.100)	1.500 (38.100)	250	M71-R4300
Fig. 29	M71-38-489	B-489	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R4300
Fig. 29	M71-17-489	B-489	Polyester	White	1.000 (25.400)	0.500 (12.700)	500	M71-R4300

\* "B" indicates bulk roll.

See all BMP®71 ribbon parts on page 66 or full material descriptions on pages 164-170.

## General Adhesive Wire And Cable Markers

- **B-498 Repositionable Vinyl Cloth Labels** - Industrial strength and ideal for curved surfaces. Firm adhesive can be removed cleanly and reapplied.
- **B-499 Nylon Cloth Labels** - Durable Industrial strength and designed to conform to curved surfaces.

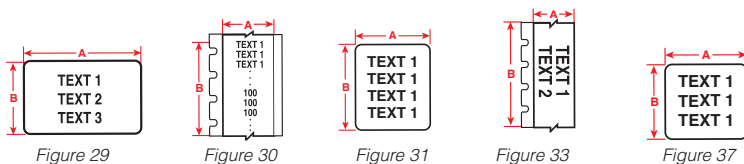


Diagram	Part Number	Material	Color	Approx. Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-498 Repositionable Vinyl Cloth Labels</b>								
Fig. 31	M71-21-498	B-498	White	Cables	1.000 (25.400)	2.500 (63.500)	100	M71-R6200
Fig. 31	M71-33-498	B-498	White	Cables	1.500 (38.100)	4.000 (101.600)	100	M71-R6200
Fig. 31	M71-10-498	B-498	White	16-10	0.250 (6.350)	0.750 (19.050)	750	M71-R6200
Fig. 37	M71-7-498	B-498	White	16-10	0.500 (12.700)	0.500 (12.700)	500	M71-R6200
Fig. 31	BM71-11-498*	B-498	White	16-10	0.500 (12.700)	0.750 (19.050)	5000	M71-R6200
Fig. 31	M71-11-498	B-498	White	16-10	0.500 (12.700)	0.750 (19.050)	500	M71-R6200
Fig. 31	M71-16-498	B-498	White	12-10	0.375 (9.530)	1.000 (25.400)	500	M71-R6200
Fig. 31	BM71-18-498*	B-498	White	12-10	0.750 (19.050)	1.000 (25.400)	2500	M71-R6200
Fig. 31	M71-18-498	B-498	White	12-10	0.750 (19.050)	1.000 (25.400)	250	M71-R6200
Fig. 37	M71-17-498	B-498	White	12-10	1.000 (25.400)	0.500 (12.700)	500	M71-R6200
Fig. 37	BM71-19-498*	B-498	White	12-10	1.000 (25.400)	1.000 (25.400)	2500	M71-R6200
Fig. 37	M71-19-498	B-498	White	12-10	1.000 (25.400)	1.000 (25.400)	250	M71-R6200
Fig. 31	BM71-29-498*	B-498	White	10-4	0.500 (12.700)	1.500 (38.100)	5000	M71-R6200
Fig. 31	M71-29-498	B-498	White	10-4	0.500 (12.700)	1.500 (38.100)	500	M71-R6200
Fig. 31	M71-30-498	B-498	White	10-4	0.750 (19.050)	1.500 (38.100)	250	M71-R6200
Fig. 31	M71-31-498	B-498	White	10-4	1.000 (25.400)	1.500 (38.100)	250	M71-R6200
Fig. 37	M71-32-498	B-498	White	10-4	1.500 (38.100)	1.500 (38.100)	250	M71-R6200
Fig. 33	BM71C-240-498*	B-498	White	-	0.240 (6.096)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-240-498	B-498	White	-	0.240 (6.096)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 30	BM71C-318-498*	B-498	White	-	0.318 (8.070)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-318-498	B-498	White	-	0.318 (8.070)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 30	BM71C-375-498*	B-498	White	-	0.375 (9.530)	275 ft. (83.82 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-375-498	B-498	White	-	0.375 (9.530)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-500-498	B-498	White	-	0.500 (12.700)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-1000-498	B-498	White	-	1.000 (25.400)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
Fig. 33	M71C-1900-498	B-498	White	-	1.900 (48.300)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R6200
<b>B-499 Nylon Cloth Labels</b>								
Fig. 31	M71-21-499	B-499	White	Cables	1.000 (25.400)	2.500 (63.500)	100	M71-R4300
Fig. 37	M71-7-499	B-499	White	16-10	0.500 (12.700)	0.500 (12.700)	500	M71-R4300
Fig. 31	BM71-11-499*	B-499	White	16-10	0.500 (12.700)	0.750 (19.050)	5000	M71-R4300
Fig. 31	M71-11-499	B-499	White	16-10	0.500 (12.700)	0.750 (19.050)	500	M71-R4300
Fig. 31	M71-16-499	B-499	White	12-10	0.375 (9.530)	1.000 (25.400)	500	M71-R4300
Fig. 31	M71-18-499	B-499	White	12-10	0.750 (19.050)	1.000 (25.400)	250	M71-R4300
Fig. 37	M71-19-499	B-499	White	12-10	1.000 (25.400)	1.000 (25.400)	250	M71-R4300
Fig. 29	M71-78-499	B-499	White	12-10	1.900 (48.260)	1.000 (25.400)	250	M71-R4300
Fig. 31	M71-28-499	B-499	White	10-4	0.250 (6.350)	1.500 (38.100)	750	M71-R4300
Fig. 31	M71-29-499	B-499	White	10-4	0.500 (12.700)	1.500 (38.100)	500	M71-R4300
Fig. 31	M71-30-499	B-499	White	10-4	0.750 (19.050)	1.500 (38.100)	250	M71-R4300
Fig. 31	M71-31-499	B-499	White	10-4	1.000 (25.400)	1.500 (38.100)	250	M71-R4300
Fig. 33	M71C-500-499	B-499	White	-	0.500 (12.700)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300
Fig. 33	M71C-1000-499	B-499	White	-	1.000 (25.400)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300
Fig. 33	M71C-1900-499	B-499	White	-	1.900 (48.300)	30 ft. (9.10 m)	1 Roll (cont.)	M71-R4300

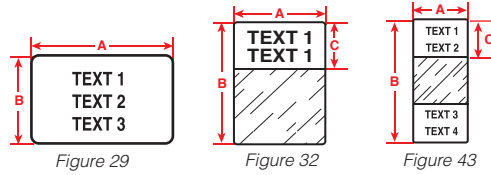
\* "B" indicates bulk roll.

# BMP®71 Label Rolls

www.BradyID.com/bmp71

## Self Laminating Wire Markers

- **B-427 Self-Laminating Vinyl Labels** - Protected printing area with superior chemical and abrasion resistance. Non-printed clear area that wraps around and overlaminates the printed text.



Portable Label Printers

BMP®71 Label Printer

Diagram	Part Number	B#	Material	Color	Approx. Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels/ Roll	Rec. Ribbon
<b>B-427 Self-Laminating Vinyl Labels</b>										
Fig. 32	BM71-21-427*	B-427	Vinyl	White	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	1000	M71-R4300
Fig. 32	M71-21-427	B-427	Vinyl	White	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	100	M71-R4300
Fig. 32	M71-21-427-YL	B-427	Vinyl	Yellow	Cables	1.000 (25.400)	2.500 (63.500)	0.750 (19.050)	100	M71-R4300
Fig. 43	BM71-64-427*	B-427	Vinyl	White	Cables	1.000 (25.400)	3.375 (85.730)	1.125 (28.580)	1000	M71-R4300
Fig. 43	M71-64-427	B-427	Vinyl	White	Cables	1.000 (25.400)	3.375 (85.730)	1.125 (28.580)	100	M71-R4300
Fig. 32	BM71-23-427*	B-427	Vinyl	White	Cables	1.000 (25.400)	4.000 (101.600)	1.000 (25.400)	1000	M71-R4300
Fig. 32	M71-23-427	B-427	Vinyl	White	Cables	1.000 (25.400)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	BM71-109-427*	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.500 (38.100)	500	M71-R4300
Fig. 32	BM71-33-427*	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	500	M71-R4300
Fig. 32	M71-109-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.500 (38.100)	100	M71-R4300
Fig. 32	M71-33-427	B-427	Vinyl	White	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	M71-33-427-YL	B-427	Vinyl	Yellow	Cables	1.500 (38.100)	4.000 (101.600)	1.000 (25.400)	100	M71-R4300
Fig. 32	BM71-34-427*	B-427	Vinyl	White	Cables	1.500 (38.100)	6.000 (152.400)	1.500 (38.100)	500	M71-R4300
Fig. 32	M71-34-427	B-427	Vinyl	White	Cables	1.500 (38.100)	6.000 (152.400)	1.500 (38.100)	50	M71-R4300
Fig. 32	M71-66-427	B-427	Vinyl	White	Cables	1.938 (49.230)	3.150 (80.000)	1.000 (25.400)	100	M71-R4300
Fig. 32	M71-10-427	B-427	Vinyl	White	16-10	0.250 (6.350)	0.750 (19.050)	0.375 (9.530)	750	M71-R4300
Fig. 32	BM71-11-427*	B-427	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	0.375 (9.530)	5000	M71-R4300
Fig. 32	M71-11-427	B-427	Vinyl	White	16-10	0.500 (12.700)	0.750 (19.050)	0.375 (9.530)	500	M71-R4300
Fig. 32	M71-96-427	B-427	Vinyl	White	16-10	1.000 (25.400)	0.750 (19.050)	0.375 (9.530)	250	M71-R4300
Fig. 32	BM71-17-427*	B-427	Vinyl	White	12-10	0.500 (12.700)	1.000 (25.400)	0.375 (9.530)	5000	M71-R4300
Fig. 32	M71-17-427	B-427	Vinyl	White	12-10	0.500 (12.700)	1.000 (25.400)	0.375 (9.530)	500	M71-R4300
Fig. 32	BM71-19-427*	B-427	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	2500	M71-R4300
Fig. 32	M71-19-427	B-427	Vinyl	White	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-19-427-YL	B-427	Vinyl	Yellow	12-10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-104-427	B-427	Vinyl	White	12-10	1.500 (38.100)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	M71-28-427	B-427	Vinyl	White	10-4	0.250 (6.350)	1.500 (38.100)	0.500 (12.700)	750	M71-R4300
Fig. 32	BM71-29-427*	B-427	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	0.500 (12.700)	5000	M71-R4300
Fig. 32	M71-29-427	B-427	Vinyl	White	10-4	0.500 (12.700)	1.500 (38.100)	0.500 (12.700)	500	M71-R4300
Fig. 32	BM71-18-427*	B-427	Vinyl	White	10-4	0.750 (19.050)	1.000 (25.400)	0.375 (9.530)	2500	M71-R4300
Fig. 32	M71-18-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig. 32	BM71-30-427*	B-427	Vinyl	White	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	2500	M71-R4300
Fig. 32	M71-30-427	B-427	Vinyl	White	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-BL	B-427	Vinyl	Blue	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-PL	B-427	Vinyl	Purple	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-30-427-RD	B-427	Vinyl	Red	10-4	0.750 (19.050)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-103-427	B-427	Vinyl	White	10-4	1.000 (25.400)	1.250 (31.750)	0.500 (12.700)	250	M71-R4300
Fig. 32	BM71-31-427*	B-427	Vinyl	White	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	2500	M71-R4300
Fig. 32	M71-31-427	B-427	Vinyl	White	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-GN	B-427	Vinyl	Green	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-RD	B-427	Vinyl	Red	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-31-427-YL	B-427	Vinyl	Yellow	10-4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 29	M71-30-427-AW	B-427	Vinyl	White	10-4	1.500 (38.100)	0.750 (19.050)	-	250	M71-R4300
Fig. 32	BM71-32-427*	B-427	Vinyl	White	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	1000	M71-R4300
Fig. 32	M71-32-427	B-427	Vinyl	White	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-32-427-YL	B-427	Vinyl	Yellow	10-4	1.500 (38.100)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	M71-88-427	B-427	Vinyl	White	10-4	1.750 (44.450)	1.500 (38.100)	0.500 (12.700)	250	M71-R4300
Fig. 32	BM71-107-427*	B-427	Vinyl	White	10-4	2.000 (50.800)	1.500 (38.100)	0.500 (12.700)	1000	M71-R4300
Fig. 32	M71-107-427	B-427	Vinyl	White	10-4	2.000 (50.800)	1.500 (38.100)	0.500 (12.700)	100	M71-R4300

\* "B" indicates bulk roll.

See all BMP®71 ribbon parts on page 66  
or full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

## PermaSleeve<sup>®</sup> Wire Marking Sleeves

### B-342 PermaSleeve<sup>®</sup> PS Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized

**Tested per:** ASTM E162 and ASTM E662

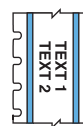


Figure 58

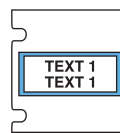


Figure 44

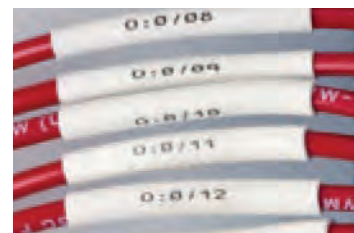


Diagram	Part Number	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm)	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
<b>B-342 PermaSleeve<sup>®</sup> PS Polyolefin Wire Marking Sleeves</b>									
Fig. 44	M71-94-1-342	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-94-1-342YL	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-94-175-342*	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-94-175-342YL*	2500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342YL	100	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-125-342*	1 Roll (cont.)	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	0.235 (6.0)	M71-R4300
Fig. 44	BM71-125-1-342*	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342YL	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-125-175-342*	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-125-175-342YL*	1000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342YL	100	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-187-342*	1 Roll (cont.)	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.335 (8.5)	M71-R4300
Fig. 44	BM71-187-1-342*	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-1-342YL*	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342YL	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-175-342*	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-187-175-342YL*	1000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342YL	100	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-250-342*	1 Roll (cont.)	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.439 (11.2)	M71-R4300
Fig. 44	BM71-250-1-342*	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342YL	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-250-175-342*	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-250-175-342YL*	1000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342YL	100	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-375-342*	1 Roll (cont.)	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.645 (16.4)	M71-R4300
Fig. 44	BM71-375-1-342*	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-375-175-342*	1000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-500-342*	1 Roll (cont.)	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	0.851 (21.6)	M71-R4300
Fig. 44	BM71-500-1-342*	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-1-342YL*	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342YL	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-175-342*	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-500-175-342YL*	1000	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342YL	100	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-1-342	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-1000-1-342YL	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 58	BM71C-1000-342*	1 Roll (cont.)	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.660 (42.2)	M71-R4300
Fig. 44	BM71-1000-175-342*	500	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342YL	50	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1.765 (44.8)	M71-R4300

\* "B" indicates bulk roll.

See all BMP<sup>®</sup>71 ribbon parts on page 66 or full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# BMP®71 Label Rolls

www.BradyID.com/bmp71

## Voice/Data Comm

Durable materials with permanent adhesive in a variety of sizes for marking racks, bays, frames, and other voice/data equipment.

- **B-412 Polypropylene Tags** - Designed for high legibility and tensile strength.
- **B-422 Polyester Labels** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.



Figure 28

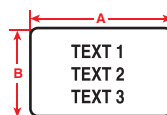


Figure 29

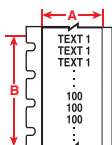


Figure 30

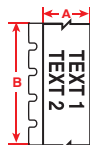


Figure 33

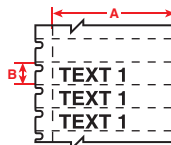


Figure 55



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-412 Polypropylene Tag</b>								
Fig. 28	M71C-230-412	B-412	Polyethylene	White	0.230 (5.840)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-375-412	B-412	Polyethylene	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-475-412	B-412	Polyethylene	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-500-412	B-412	Polyethylene	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-625-412	B-412	Polyethylene	White	0.625 (15.900)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-785-412	B-412	Polyethylene	White	0.785 (19.940)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 55	BM71-40-412*	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	5000	M71-R6200
Fig. 55	M71-40-412	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	750	M71-R6200
<b>B-422 Polyester Labels</b>								
Fig. 33	M71C-375-422	B-422	Polyester	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 30	M71C-475-422	B-422	Polyester	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-422	B-422	Polyester	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-625-422	B-422	Polyester	White	0.625 (15.880)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-422	B-422	Polyester	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-45-422	B-422	Polyester	White	1.500 (38.100)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-30-422	B-422	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 33	M71C-1900-422	B-422	Polyester	White	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	BM71-20-422*	B-422	Polyester	White	2.000 (50.800)	1.000 (25.400)	1000	M71-R6000
Fig. 29	M71-37-422	B-422	Polyester	White	3.000 (76.200)	1.900 (48.260)	100	M71-R6000

\* "B" indicates bulk roll.

## Pre-Printed Die Cut Labels

- **B-423 Polyester Labels** - UL Recognized for outdoor use on glass, thermoset polyester plastic and polyvinyl fluoride plastic.
- **B-428 Polyester Labels** - For applications that utilize barcodes, alphanumeric and graphics and require nameplate-like quality.
- **B-483 Polyester Labels** - Permanent adhesive for powder-coated/textured surfaces. Best on flat surfaces.

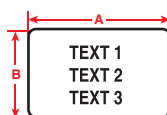


Figure 29

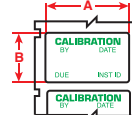


Figure 51

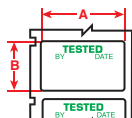


Figure 52

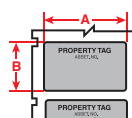


Figure 54



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-423 Permanent Polyester</b>								
Fig. 52	M71-30-423-TEST	B-423	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
<b>B-428 Metallized Polyester</b>								
Fig. 51	M71-30-428-CALI	B-428	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R4300
Fig. 54	M71-35-428-PROP	B-428	Polyester	White	1.630 (41.400)	0.750 (19.050)	250	M71-R4300
<b>B-483 Polyester Labels</b>								
Fig. 29	M71-38-483-CAUT	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-38-483-DANG	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-38-483-NOTI	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-38-483-WARN	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000
Fig. 29	M71-38-483-CAUT	B-483	Polyester	White	4.000 (101.600)	1.900 (48.260)	100	M71-R6000

See all BMP®71 ribbon parts on page 66 or full material descriptions on pages 164-170.

## Rectangular Raised Panel Labels

- **B-593 Foam Backed Polyester Label** - Customized legend plates with less hassle and wasted time than engraved plates. RoHS compliant and UL approved. Aggressive adhesive and solvent resistant makes them a great replacement for engraved tags.

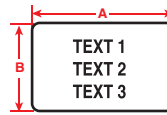


Figure 29



Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels Per Roll	Rec. Ribbon
					Inch	(mm)	Inch	(mm)		
<b>B-593 Foam Backed Polyester Label</b>										
Fig. 29	M71EP-171-593	B-593	Polyester	White	1.060	(26.920)	0.490	(12.450)	200	M71-R6000
Fig. 29	M71EP-171-593-BK	B-593	Polyester	Black	1.060	(26.920)	0.490	(12.450)	200	M71-R4400-WT
Fig. 29	M71EP-171-593-GN	B-593	Polyester	Green	1.060	(26.920)	0.490	(12.450)	200	M71-R4400-WT
Fig. 29	M71EP-171-593-RD	B-593	Polyester	Red	1.060	(26.920)	0.490	(12.450)	200	M71-R4400-WT
Fig. 29	M71EP-171-593-SL	B-593	Polyester	Silver	1.060	(26.920)	0.490	(12.450)	200	M71-R6000
Fig. 29	M71EP-171-593-YL	B-593	Polyester	Yellow	1.060	(26.920)	0.490	(12.450)	200	M71-R6000
Fig. 29	M71EP-173-593	B-593	Polyester	White	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71EP-173-593-BK	B-593	Polyester	Black	2.000	(50.800)	1.000	(25.400)	100	M71-R4400-WT
Fig. 29	M71EP-173-593-GN	B-593	Polyester	Green	2.000	(50.800)	1.000	(25.400)	100	M71-R4400-WT
Fig. 29	M71EP-173-593-RD	B-593	Polyester	Red	2.000	(50.800)	1.000	(25.400)	100	M71-R4400-WT
Fig. 29	M71EP-173-593-SL	B-593	Polyester	Silver	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71EP-173-593-YL	B-593	Polyester	Yellow	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71EP-176-593	B-593	Polyester	White	3.000	(76.200)	1.000	(25.400)	50	M71-R6000
Fig. 29	M71EP-176-593-BK	B-593	Polyester	Black	3.000	(76.200)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-176-593-GN	B-593	Polyester	Green	3.000	(76.200)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-176-593-RD	B-593	Polyester	Red	3.000	(76.200)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-176-593-YL	B-593	Polyester	Yellow	3.000	(76.200)	1.000	(25.400)	50	M71-R6000
Fig. 29	M71EP-174-593	B-593	Polyester	White	4.000	(101.600)	1.000	(25.400)	50	M71-R6000
Fig. 29	M71EP-174-593-BK	B-593	Polyester	Black	4.000	(101.600)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-GN	B-593	Polyester	Green	4.000	(101.600)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-RD	B-593	Polyester	Red	4.000	(101.600)	1.000	(25.400)	50	M71-R4400-WT
Fig. 29	M71EP-174-593-SL	B-593	Polyester	Silver	4.000	(101.600)	1.000	(25.400)	50	M71-R6000
Fig. 29	M71EP-174-593-YL	B-593	Polyester	Yellow	4.000	(101.600)	1.000	(25.400)	50	M71-R6000

## Push Button Control Raised Panel Labels

- **B-593 Foam Backed Polyester Label** - Customized legend plates with less hassle and wasted time than engraved plates. RoHS compliant and UL approved. Aggressive adhesive and solvent resistant makes them a great replacement for engraved tags.

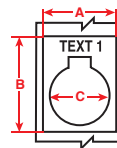


Figure 49



Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Hole Diameter C	Labels Per Roll	Rec. Ribbon	
					Inch	(mm)	Inch	(mm)	Inch	(mm)		
<b>B-593 Foam Backed Polyester Label</b>												
Fig. 49	M71EP-167-593	B-593	Polyester	White	1.200	(30.480)	1.500	(38.100)	0.890	(22.500)	100	M71-R6000
Fig. 49	M71EP-167-593-BK	B-593	Polyester	Black	1.200	(30.480)	1.500	(38.100)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-167-593-GN	B-593	Polyester	Green	1.200	(30.480)	1.500	(38.100)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-167-593-RD	B-593	Polyester	Red	1.200	(30.480)	1.500	(38.100)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-167-593-YL	B-593	Polyester	Yellow	1.200	(30.480)	1.500	(38.100)	0.890	(22.500)	100	M71-R6000
Fig. 49	M71EP-168-593	B-593	Polyester	White	1.200	(30.480)	1.900	(48.260)	0.890	(22.500)	100	M71-R6000
Fig. 49	M71EP-168-593-BK	B-593	Polyester	Black	1.200	(30.480)	1.900	(48.260)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-GN	B-593	Polyester	Green	1.200	(30.480)	1.900	(48.260)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-RD	B-593	Polyester	Red	1.200	(30.480)	1.900	(48.260)	0.890	(22.500)	100	M71-R4400-WT
Fig. 49	M71EP-168-593-YL	B-593	Polyester	Yellow	1.200	(30.480)	1.900	(48.260)	0.890	(22.500)	100	M71-R6000
Fig. 49	M71EP-169-593	B-593	Polyester	White	1.800	(45.720)	1.800	(45.720)	1.200	(30.500)	100	M71-R6000
Fig. 49	M71EP-169-593-BK	B-593	Polyester	Black	1.800	(45.720)	1.800	(45.720)	1.200	(30.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-GN	B-593	Polyester	Green	1.800	(45.720)	1.800	(45.720)	1.200	(30.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-RD	B-593	Polyester	Red	1.800	(45.720)	1.800	(45.720)	1.200	(30.500)	100	M71-R4400-WT
Fig. 49	M71EP-169-593-YL	B-593	Polyester	Yellow	1.800	(45.720)	1.800	(45.720)	1.200	(30.500)	100	M71-R6000

# BMP®71 Label Rolls

www.BradyID.com/bmp71

## Circuit Board & Component ID

Various labels for relays, solenoids, PCB's, electronic components and more.

- **B-423 Polyester Labels** - White glossy polyester
- **B-426 Polyimide Labels** - Amber matte polyimide with permanent adhesive
- **B-428 Polyester Labels** - metallized matte polyester
- **B-457 Polyimide Labels** - white glossy polyimide with permanent adhesive

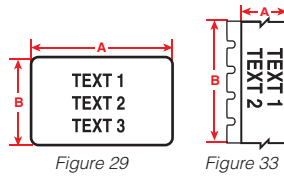


Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels/Roll	Rec. Ribbon
					Inch	(mm)	Inch	(mm)		
<b>B-423 Permanent Polyester</b>										
Fig. 29	M71-1-423	B-423	Polyester	White	0.250	(6.350)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-3-423	B-423	Polyester	White	0.375	(9.530)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-4-423	B-423	Polyester	White	0.400	(10.160)	0.400	(10.160)	500	M71-R6000
Fig. 33	M71C-500-423	B-423	Polyester	White	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-5-423	B-423	Polyester	White	0.500	(12.700)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-6-423	B-423	Polyester	White	0.500	(12.700)	0.280	(6.990)	750	M71-R6000
Fig. 29	BM71-7-423*	B-423	Polyester	White	0.500	(12.700)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-7-423	B-423	Polyester	White	0.500	(12.700)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-9-423	B-423	Polyester	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-10-423	B-423	Polyester	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-13-423	B-423	Polyester	White	0.900	(22.860)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-14-423	B-423	Polyester	White	1.000	(25.400)	0.187	(4.750)	750	M71-R6000
Fig. 29	M71-15-423	B-423	Polyester	White	1.000	(25.400)	0.275	(6.990)	750	M71-R6000
Fig. 29	BM71-16-423*	B-423	Polyester	White	1.000	(25.400)	0.375	(9.530)	5000	M71-R6000
Fig. 29	M71-16-423	B-423	Polyester	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000
Fig. 29	BM71-17-423*	B-423	Polyester	White	1.000	(25.400)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-17-423	B-423	Polyester	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	BM71-19-423*	B-423	Polyester	White	1.000	(25.400)	1.000	(25.400)	2500	M71-R6000
Fig. 29	M71-19-423	B-423	Polyester	White	1.000	(25.400)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-24-423-BK	B-423	Polyester	Black Border	1.130	(28.700)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-25-423	B-423	Polyester	White	1.250	(31.750)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-27-423	B-423	Polyester	White	1.500	(38.100)	0.125	(3.180)	750	M71-R6000
Fig. 29	M71-28-423	B-423	Polyester	White	1.500	(38.100)	0.250	(6.350)	750	M71-R6000
Fig. 29	BM71-29-423*	B-423	Polyester	White	1.500	(38.100)	0.500	(12.700)	5000	M71-R6000
Fig. 29	M71-29-423	B-423	Polyester	White	1.500	(38.100)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-31-423	B-423	Polyester	White	1.500	(38.100)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-32-423	B-423	Polyester	White	1.500	(38.100)	1.500	(38.100)	250	M71-R6000
Fig. 29	M71-2-423	B-423	Polyester	White	2.000	(50.800)	0.250	(6.350)	100	M71-R6000
Fig. 29	BM71-20-423*	B-423	Polyester	White	2.000	(50.800)	1.000	(25.400)	1000	M71-R6000
Fig. 29	M71-20-423	B-423	Polyester	White	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-26-423	B-423	Polyester	White	2.750	(69.850)	1.250	(31.750)	100	M71-R6000
Fig. 29	M71-22-423	B-423	Polyester	White	3.000	(76.200)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-37-423	B-423	Polyester	White	3.000	(76.200)	1.900	(48.260)	100	M71-R6000
Fig. 29	M71-23-423	B-423	Polyester	White	4.000	(101.600)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-38-423	B-423	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R6000
<b>B-426 Matte Amber Polyimide</b>										
Fig. 29	M71-9-426	B-426	Polyimide	Amber	0.650	(16.510)	0.200	(5.080)	750	M71-R4300
Fig. 29	M71-13-426	B-426	Polyimide	Amber	0.900	(22.860)	0.250	(6.350)	750	M71-R4300
Fig. 29	M71-16-426	B-426	Polyimide	Amber	1.000	(25.400)	0.375	(9.530)	500	M71-R4300
Fig. 29	M71-17-426	B-426	Polyimide	Amber	1.000	(25.400)	0.500	(12.700)	500	M71-R4300
Fig. 29	M71-28-426	B-426	Polyimide	Amber	1.500	(38.100)	0.250	(6.350)	750	M71-R4300
<b>B-428 Metallized Polyester</b>										
Fig. 29	M71-15-428	B-428	Polyester	Silver	1.000	(25.400)	0.275	(6.990)	750	M71-R4300
Fig. 29	BM71-17-428*	B-428	Polyester	Silver	1.000	(25.400)	0.500	(12.700)	5000	M71-R4300
Fig. 29	M71-17-428	B-428	Polyester	Silver	1.000	(25.400)	0.500	(12.700)	500	M71-R4300
Fig. 29	M71-29-428	B-428	Polyester	Silver	1.500	(38.100)	0.500	(12.700)	500	M71-R4300
Fig. 29	BM71-20-428*	B-428	Polyester	Silver	2.000	(50.800)	1.000	(25.400)	1000	M71-R4300
Fig. 29	M71-20-428	B-428	Polyester	Silver	2.000	(50.800)	1.000	(25.400)	100	M71-R4300
Fig. 29	M71-26-428	B-428	Polyester	White	2.750	(69.850)	1.250	(31.750)	100	M71-R4300
Fig. 29	M71-22-428	B-428	Polyester	Silver	3.000	(76.200)	1.000	(25.400)	100	M71-R4300
Fig. 29	M71-38-428	B-428	Polyester	White	4.000	(101.600)	1.900	(48.260)	100	M71-R4300
<b>B-457 Glossy White Polyimide</b>										
Fig. 29	M71-3-457	B-457	Polyimide	White	0.375	(9.530)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-10-457	B-457	Polyimide	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-16-457	B-457	Polyimide	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000

\* "B" indicates bulk roll.

See all BMP®71 ribbon parts on page 66 or full material descriptions on pages 164-170.

## Fiber Optic Flags

Allows more legible information on smaller diameter wires and permits you to handle and view labels without touching the wires.

- **B-425 Polypropylene Labels** - Excellent solvent resistance and print performance.

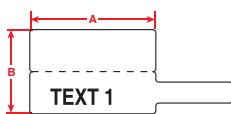


Figure 47

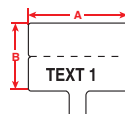


Figure 48



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-425 Polypropylene Labels</b>								
Fig. 47	M71FP-1-425	B-425	Polypropylene	White	1.180 (30.000)	0.788 (20.000)	250	M71-R4300
Fig. 48	M71FT-1-425	B-425	Polypropylene	White	1.180 (30.000)	0.788 (20.000)	250	M71-R4300
Fig. 47	M71FP-2-425	B-425	Polypropylene	White	1.750 (44.450)	1.000 (25.400)	100	M71-R4300

## Tags

- **B-145 Polyethylene Tags and B-145FR Fire Retardant Polyethylene Tag** - 9.5 mil cross laminated polyethylene film with a thermal transfer printable topcoat. Used for a variety of tag applications including ID of multiconductor cables, equipment, lockout, safety warning repair and work-in-progress.

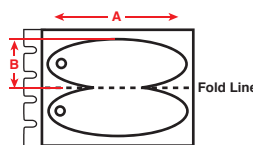


Figure 50



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-145 Polyethylene Tags</b>								
Fig. 50	BM71-111-145-GY*	B-145	Polyethylene	Grey	1.206 (30.630)	0.758 (19.250)	1000	M71-R6000
Fig. 50	M71-111-145-GY	B-145	Polyethylene	Grey	1.206 (30.630)	0.758 (19.250)	100	M71-R6000
Fig. 50	BM71-110-145-GY*	B-145	Polyethylene	Grey	1.750 (44.450)	1.000 (25.400)	1000	M71-R6000
Fig. 50	M71-110-145-GY	B-145	Polyethylene	Grey	1.750 (44.450)	1.000 (25.400)	100	M71-R6000
Fig. 50	M71-111-145FR-GY	B-145FR	Polyethylene	Grey	1.206 (30.630)	0.758 (19.250)	100	M71-R6000
Fig. 50	M71-110-145FR-GY	B-145FR	Polyethylene	Grey	1.750 (44.450)	1.000 (25.400)	100	M71-R6000

\* "B" indicates bulk roll.

## Printable Tags

- **B-109 Polyethylene Tags** - Multipurpose tag that can be used for a variety of applications including identification of multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress. Extremely tear resistant and superior cold-weather tag.

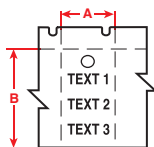


Figure 45

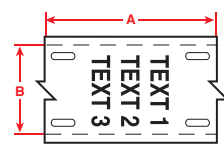


Figure 56



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-109 Polyethylene Tags</b>								
Fig. 45	M71-36-109	B-109	Polyethylene	White	1.125 (28.570)	1.750 (44.450)	250	M71-R4300
Fig. 56	M71-12-109	B-109	Polyethylene	White	3.000 (76.200)	0.750 (19.050)	100	M71-R4300
Fig. 56	BM71-12-109*	B-109	Polyethylene	White	3.000 (76.200)	0.750 (19.050)	1000	M71-R4300

\* "B" indicates bulk roll.

## Tamper Indicating

Tamper resistant tape destructs into tiny fragments when being removed. Making any attempts to remove the label very difficult and time consuming.

- **B-351 Destructible Vinyl Labels** - White vinyl material with matte finish and permanent adhesive.
- **B-352 Destructible Vinyl Labels** - Metallized vinyl material with matte finish and permanent adhesive.
- **B-530 Tamper-Resistant Vinyl Film**

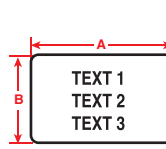


Figure 29



Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels/Roll	Rec. Ribbon
					Inch	(mm)	Inch	(mm)		
<b>B-351 Destructible Vinyl Labels</b>										
Fig. 29	M71-17-351	B-351	Vinyl	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6200
Fig. 29	M71-31-351	B-351	Vinyl	White	1.500	(38.100)	1.000	(25.400)	250	M71-R6200
Fig. 29	M71-20-351	B-351	Vinyl	White	2.000	(50.800)	1.000	(25.400)	100	M71-R6200
Fig. 29	M71-37-351	B-351	Vinyl	White	3.000	(76.200)	1.900	(48.260)	100	M71-R6200
<b>B-352 Destructible Vinyl Labels</b>										
Fig. 29	M71-17-352	B-352	Vinyl	Silver	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-31-352	B-352	Vinyl	Silver	1.500	(38.100)	1.000	(25.400)	250	M71-R6000
Fig. 29	M71-20-352	B-352	Vinyl	Silver	2.000	(50.800)	1.000	(25.400)	100	M71-R6000
Fig. 29	M71-37-352	B-352	Vinyl	Silver	3.000	(76.200)	1.900	(48.260)	100	M71-R6000
<b>B-530 Tamper-Resistant Vinyl Film</b>										
Fig. 33	M71C-500-530	B-530	Vinyl	White	0.500	(12.700)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-530	B-530	Vinyl	White	1.000	(25.400)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-530	B-530	Vinyl	White	2.000	(50.800)	50 ft.	(15.24 m)	1 Roll (cont.)	M71-R6000

## Static Dissipative

Low profile polyimide and polyester material that has a static dissipative properties. Primarily used for printed circuit boards and electronic component labeling.

- **B-473 Electrostatic Dissipative Polyester Labels** - White glossy polyester with a permanent static dissipative adhesive and liner.
- **B-477 Electrostatic Dissipative Polyimide Labels** - High temperature white glossy polyimide material (2 mil) with a permanent static dissipative adhesive and liner.
- **B-478 Electrostatic Dissipative Polyimide Labels** - High temperature, low profile white glossy polyimide material (1 mil) with a permanent static dissipative adhesive and liner.

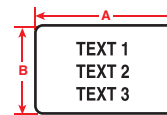


Figure 29



Diagram	Part Number	B#	Material	Color	Label Width A		Label Height B		Labels/Roll	Rec. Ribbon
					Inch	(mm)	Inch	(mm)		
<b>B-473 Glossy White Polyester</b>										
Fig. 29	M71-6-473	B-473	Polyester	White	0.500	(12.700)	0.275	(6.990)	750	M71-R6000
Fig. 29	M71-9-473	B-473	Polyester	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-10-473	B-473	Polyester	White	0.750	(19.050)	0.250	(6.350)	750	M71-R6000
Fig. 29	M71-16-473	B-473	Polyester	White	1.000	(25.400)	0.375	(9.530)	500	M71-R6000
Fig. 29	M71-17-473	B-473	Polyester	White	1.000	(25.400)	0.500	(12.700)	500	M71-R6000
Fig. 29	M71-28-473	B-473	Polyester	White	1.500	(38.100)	0.250	(6.350)	750	M71-R6000
<b>B-477 Glossy White Static Dissipative Polyimide</b>										
Fig. 29	M71-14-477	B-477	Polyimide	White	1.000	(25.400)	0.187	(4.750)	750	M71-R6000
Fig. 29	M71-2-477	B-477	Polyimide	White	2.000	(50.800)	0.250	(6.350)	100	M71-R6000
<b>B-478 Glossy White Low Profile Static Dissipative Polyimide</b>										
Fig. 29	M71-4-478	B-478	Polyimide	White	0.400	(10.160)	0.400	(10.160)	500	M71-R6000
Fig. 29	M71-9-478	B-478	Polyimide	White	0.650	(16.510)	0.200	(5.080)	750	M71-R6000
Fig. 29	M71-25-478	B-478	Polyimide	White	1.250	(31.750)	0.250	(6.350)	750	M71-R6000

## Temporary/Removable

These indoor labels are designed with special adhesive that makes it easy to remove and re-apply.

- **B-581 Repositionable Vinyl** - Indoor/outdoor marking film is a high gloss, durable, flexible, pressure sensitive adhesive product

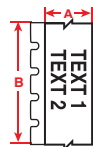


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-581 Repositionable Vinyl</b>								
Fig. 33	M71C-500-581-WT	B-581	Vinyl	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-581-YL	B-581	Vinyl	Yellow	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-581-WT	B-581	Vinyl	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-581-YL	B-581	Vinyl	Yellow	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-581-WT	B-581	Vinyl	White	2.000 (50.800)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-2000-581-YL	B-581	Vinyl	Yellow	2.000 (50.800)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000

## Reflective / Low Light Applications

Great for egress and other critical pieces of information.

- **B-582 BradyGlo™ Phosphorescent Polyester** - Light absorbing and will glow for 10 hours.
- **B-584 Reflective Tape** - Helps illuminate the labels when light is shined on the surface.

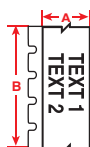


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-582 BradyGlo™ Phosphorescent Polyester</b>								
Fig. 33	BM71C-1000-582*	B-582	Phosphorescent	Phosphorescent	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-582*	B-582	Phosphorescent	Phosphorescent	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
<b>B-584 Reflective Tape</b>								
Fig. 33	BM71C-1000-584-OR*	B-584	Reflective Tape	Orange	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-1000-584-WT*	B-584	Reflective Tape	Silver	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-1000-584-YL*	B-584	Reflective Tape	Yellow	1.000 (25.400)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-OR*	B-584	Reflective Tape	Orange	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-WT*	B-584	Reflective Tape	Silver	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000
Fig. 33	BM71C-2000-584-YL*	B-584	Reflective Tape	Yellow	2.000 (50.800)	75 ft. (22.86 m)	1 Roll (cont.)	M71-R6000

\* "B" indicates bulk roll.

## ToughStripe® Print-On-Demand Floor Labels

- Create floor labels using with the same durability and performance as ToughStripe® Floor Marking Tape
- Easy 3-step process: print label, position on floor, apply included overlaminant
- **B-483 Polyester** - high adhesion to textured metals and low surface energy plastics.

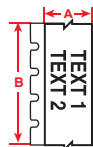


Figure 33



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Width B Inch (mm)	Labels/Roll	Rec. Ribbon
<b>B-483 Polyester</b>								
Fig. 33	M71-1000-483-WT-KT	B-483	Polyester	White	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-BK-KT	B-483	Polyester	Black	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-1000-483-YL-KT	B-483	Polyester	Yellow	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-RD-KT	B-483	Polyester	Red	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-BL-KT	B-483	Polyester	Blue	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-GN-KT	B-483	Polyester	Green	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-1000-483-OR-KT	B-483	Polyester	Orange	1.0 (25.4)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-WT-KT	B-483	Polyester	White	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-BK-KT	B-483	Polyester	Black	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R4400-WT
Fig. 33	M71-2000-483-YL-KT	B-483	Polyester	Yellow	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-RD-KT	B-483	Polyester	Red	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-BL-KT	B-483	Polyester	Blue	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-GN-KT	B-483	Polyester	Green	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000
Fig. 33	M71-2000-483-OR-KT	B-483	Polyester	Orange	2.0 (50.8)	50 ft. (15.24 m)	1 roll (cont.)	M71-R6000

See all BMP®71 ribbon parts on page 66 or full material descriptions on pages 164-170.

# BMP®71 Print Ribbons

www.BradyID.com/bmp71

Portable Label Printers

BMP®71 Label Printer

## BMP®71 Printer Ribbons

Note: Black Ribbon M71-R6000 included with BMP71 printer purchase.

Part Number	Color	Size	Part Number	Color	Size	Part Number	Color	Size
M71-R4300	Black	150' (45.72 m)	M71-R6600	Black	150' (45.72 m)	M71-R6900-BL	Blue	150' (45.72 m)
M71-R6000	Black	150' (45.72 m)	M71-R4400-WT	White	150' (45.72 m)	M71-R6900-GN	Green	150' (45.72 m)
M71-R6200	Black	150' (45.72 m)	M71-R6800-WT	White	150' (45.72 m)	M71-R6900-MA	Magenta	150' (45.72 m)
M71-R6400	Black	150' (45.72 m)	M71-R6900-RD	Red	150' (45.72 m)	M71-R6900-YL	Yellow	150' (45.72 m)



### BMP®71 Print Ribbon / Material Compatibility

B-Number	Material	M71-R4300 (Black)	M71-R6000 (Black)	M71-R6200 (Black)	M71-R6400 (Black)	M71-R6600 (Black)	M71-R4400-WT (White)	M71-R6800-WT (White)	M71-R6900 (Colors)
B-109	Polyethylene Tags	●	-	▲	-	-	-	-	-
B-145	Polyethylene Tags	-	●	-	-	-	▲	-	-
B-145FR	Polyethylene Tags	-	●	-	-	-	▲	-	▲
B-321*	Polyolefin	-	-	●	-	-	-	-	-
B-342	PermaSleeve® Polyolefin	●	-	-	-	-	-	-	-
B-345*	High Temp PermaSleeve®	-	-	-	-	●	-	▲	-
B-351	Destructible Vinyl	-	-	●	-	-	-	-	-
B-352	Destructible Vinyl	-	●	-	-	-	▲	-	▲
B-353*	Paper	●	-	-	-	-	-	-	-
B-390*	DuraSleeve® Polypropylene	-	●	-	-	-	▲	-	▲
B-412	Polypropylene Tags	▲	-	●	-	-	-	-	-
B-422	Polyester	-	● UL	-	-	-	▲	-	▲
B-423	Polyester	-	● UL	▲	-	-	▲	-	▲
B-424	Paper	●	-	-	-	-	-	-	-
B-425	Polypropylene	●	-	-	-	-	-	-	-
B-426	Polyimide	●	-	-	-	-	-	-	-
B-427	Vinyl	● UL	-	▲	-	-	-	-	-
B-428	Polyester	● UL	-	-	-	-	-	-	-
B-430	Polyester	-	● UL	▲	-	-	▲	-	▲
B-432*	Polyester	-	● UL	-	-	-	▲	-	▲
B-433*	Polyester	-	● UL	-	-	-	▲	-	▲
B-435*	Polyester	-	● UL	-	-	-	▲	-	▲
B-439*	Vinyl	-	●	▲	-	-	▲	-	▲
B-457	Polyimide	-	● UL	-	-	-	▲	-	▲
B-459	Polyester	-	● UL	-	-	-	▲	-	▲
B-473	Polyester	-	● UL	▲	-	-	▲	-	▲
B-477	Polyimide	-	● UL	▲	-	-	▲	-	▲
B-478	Polyimide	-	● UL	-	-	-	▲	-	▲
B-479*	Polyimide	-	● UL	-	-	-	▲	-	▲
B-483	Polyester	-	● UL	▲	-	-	▲	-	▲
B-486	Polyester	● UL	-	-	-	-	-	-	-
B-488	Polyester	● UL	-	▲	-	-	-	-	-
B-489	Polyester	● UL	-	-	-	-	-	-	-
B-495*	Polyethylene Napthalate	-	● UL	-	-	-	▲	-	▲
B-498	Vinyl Cloth	▲	-	●	-	-	-	-	-
B-499	Nylon Cloth	● UL	-	▲	-	-	-	-	-
B-529	Polypropylene	-	●	-	-	-	▲	-	▲
B-530	Tamper Resistant	-	●	-	-	-	▲	-	▲
B-580	Vinyl	-	●	-	-	-	▲	-	▲
B-581	Vinyl	-	●	-	-	-	▲	-	▲
B-582	Phosphorescent	-	●	-	-	-	▲	-	▲
B-584	Reflective	-	●	-	-	-	▲	-	▲
B-593	Polyester	-	●	-	-	-	▲	-	▲
B-595	Vinyl	-	●	-	-	-	▲	-	▲
B-7531*	Metalized Polyester	●	-	-	-	-	-	-	-
B-7536*	Polyester	-	-	●	-	-	-	-	-
B-7546*	Void Footprint Polyester	-	● UL	-	-	-	▲	-	▲
B-7551*	Polyester	-	-	●	-	-	-	-	-
B-7566*	Void Footprint Polyester	-	●	-	-	-	▲	-	▲
B-7576*	Void Footprint Polyester	● UL	-	-	-	-	-	-	-
B-7593*	Polyethylene	-	●	-	-	-	▲	-	▲
B-7596*	Vinyl	-	-	●	-	-	-	-	-
B-7597*	Polyethylene	●	-	-	-	-	-	-	-
B-7599*	Polyethylene Tag	●	-	-	-	-	-	-	-
B-7643*	Thermoplastic Polyether Polyurethane	●	-	-	-	▲	-	▲	-
B-7696*	Vinyl Tag	-	●	-	-	-	▲	-	▲
B-8425*	Polypropylene	-	● UL	-	-	-	▲	-	▲

\*TLS®2200 materials that can be used in the BMP®71 Label Printer.

For more information on Brady materials, visit [www.BradyID.com/techdata](http://www.BradyID.com/techdata).

- Rec. Ribbon for use with respective material.
- ▲ Acceptable ribbon for use with respective material.
- UL These materials are UL recognized with its respective ribbon.



# BRADY BENCHTOP PRINTING

Brady's benchtop printers are designed for high performance printing and labeling. With a wide range of applications, these desktop printers are able to print on a variety of materials including paper, polyester, PermaSleeve® wire markers and more.

Brady offers printing systems for all types of labeling needs, ranging from small, compact printers to large, high volume printers for the ultimate labeling solution.

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**!** Look for a side by side comparison of all benchtop printers on page 6.

# BBP<sup>®</sup>11 Label Printer

[www.BradyID.com/bbp11](http://www.BradyID.com/bbp11)

Benchtop Thermal Transfer Printers

BBP<sup>®</sup>11 Label Printer



 **Online Demo:**  
[www.BradyID.com/bbp11](http://www.BradyID.com/bbp11)

### Your Complete Printing Solution:

BBP11 1" Small Core Label Rolls.....Page 70-75  
 BBP11 3" Core Label Rolls.....Page 86-151  
 (Compatible when used with Media Holder accessory)  
 BBP11 Print Ribbons.....Page 152

## BBP<sup>®</sup>11 LABEL PRINTER

### Efficiency, Versatility and Performance

Packed into one multi-use printer.

From labels to wire markers and asset identification labels, the BBP<sup>®</sup>11 Label Printer gives you the versatility to print all your basic labels types from one machine – saving costs, reducing downtime and simplifying your labeling.

#### Simple, Efficient Design

- Specially-designed small core media rolls and ribbons provide fast installation and reduce change-over time
- Compatible with 3" core media rolls if using the external media holder (sold separately)
- Easy set-up & calibration
- Compact size won't clutter your workplace or bench

#### Performance

- Sharp 300 dpi printing on labels up to 4" wide
- Fast print speed—up to 3 in per second
- Over 800 varieties of labels including external-feed bulk rolls and custom parts
- Centering ribbon spindle virtually eliminates ribbon wrinkling



1" small core label rolls



\*Media holder available for larger quantity bulk 3" core rolls.

While the BBP<sup>®</sup>11 label printer primarily uses one-inch core materials for low to medium volume printing, an external media holder is available for purchase should high volume printing be needed. The optional external media holder attaches to the back of the BBP<sup>®</sup>11 label printer, enabling customers to run larger three-inch core rolls for high volume printing.

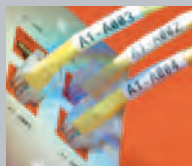
### Versatile Label Options



Circuit Board Labels



Asset Tracking Labels



Voice & Data Communications



Wire Marker Labels & Sleeves



General Purpose Labels



...And More!

## BBP®11 Label Printer Specifications

<b>Description</b>	Small, compact, economical entry level printer with high speed print and 300 dpi resolution.
<b>Applications &amp; Other Comments</b>	Lower volume applications requiring a small desktop footprint. Ideal for Laboratory ID, General ID, Wire and Cable ID, Lower volume electronics ID.
<b>Recommended Throughput &amp; Operational Hours</b>	1000 labels/day 8 hrs/5 days
<b>Print Technology</b>	Thermal Transfer and Direct Thermal
<b>Print Resolution</b>	300 dpi
<b>Max Print Speed</b>	3" per sec
<b>Max Print Width</b>	4.160"
<b>Media Widths</b>	1"-4.250"
<b>Minimum Label Dimension</b>	0.250"
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only
<b>Connectivity Options</b>	Standard: Serial, Parallel, USB, Ethernet
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*

## Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Not Recommended
<b>Nomex® Tags</b>	Not Recommended
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended
<b>PermaSleeve® PS &amp; HT</b>	Yes (black print only)
<b>PermaSleeve® ZH</b>	Not Recommended
<b>PermaSleeve® HX</b>	Yes (black print only)
<b>Double-Sided PermaSleeve®</b>	Yes (With 2-pass reinsert of media, black print only)

## BBP®11 Printer and Accessories

Catalog #	Description
BBP11-34L	BBP11 Label Printer
BBP11-U	BBP11 External Media Holder Accessory for 3" Core Bulk Rolls

## BBP®11 Printer Value Packages

Save when you purchase our two most common accessories with your printer. Powerful and easy-to-use LabelMark Software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.



### Brady 360® Replacement Printer Plans

- With the Brady 360® Replacement Printer Program, you can return your qualified printer for a replacement printer within the first 12 months of purchase. You must purchase the replacement program at the time of printer purchase in order to receive benefits.

*\*Printheads are covered.  
\*Limit of two printers in the first 12 months of initial purchase.*

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



### Labelmark™ Labeling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For more information view page 10 or visit [www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

## BBP®11 Value Packages

Catalog #	Description
BBP11-34L+REPLACE	BBP11 Printer with Brady 360 Replacement Plan
BBP11-34L-360R-LM	BBP11 Printer with Brady 360 Replacement Plan and LabelMark Standard Software



### Technical Services Stress-Free Setup Assistance

This printer qualifies for Brady's Stress Free System Setup Service. Call Brady today to schedule your FREE setup appointment. Call 1-800-643-8766 and select Menu Option 4.

For more information visit [www.BradyID.com/setupservice](http://www.BradyID.com/setupservice)



## Did you know? BBP®11 and Laboratory Labels

Brady offers a wide variety of labels that are ideal for the biotechnology, agricultural, environmental and forensic research industry and are ideal in the BBP®11 Label Printer.

These lab labels are designed to "match" existing vial, slide, and well plate sizes, and they hold up under tissue processing protocols and other extreme conditions.

Learn more about Brady's laboratory solutions at: [www.BradyID.com/lab](http://www.BradyID.com/lab)



Check out the new Laboratory ID Brochure at [www.BradyID.com/lab](http://www.BradyID.com/lab) for more laboratory solutions!

# BBP®11 Small Core Label Rolls

www.BradyID.com

## BBP®11 1" Small Core Label Rolls: General Identification Labels

Brady's industrial labels are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy-duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface.

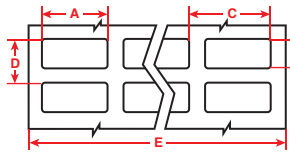


Figure 1

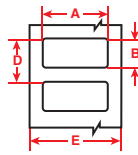


Figure 2

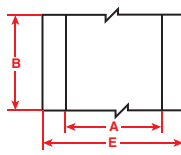


Figure 3

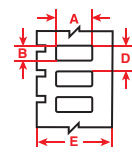


Figure 9

Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
<b>B-423 Polyester Labels</b>												
Fig. 1	THT-5-423-5-SC	423	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-15-423-2.5-SC	423	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	2,500	R6013
Fig. 2	THT-17-423-1.5-SC	423	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-423-1.5-SC	423	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013
<b>B-424 Paper Labels</b>												
Fig. 2	THT-17-424-1.5-SC	424	Paper	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-424-1.5-SC	424	Paper	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313
<b>B-425 Polypropylene Labels</b>												
Fig. 2	THT-17-425-1.5-SC	425	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-425-1.5-SC	425	Polypropylene	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313
<b>B-430 Polyester Labels</b>												
Fig. 9	THT-17-430-1.5-SC	430	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 9	THT-18-430-1.5-SC	430	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013
<b>B-433 Polyester Labels</b>												
Fig. 2	THT-59-433-2.5-SC	433	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R6013
Fig. 2	THT-17-433-1.5-SC	433	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
<b>B-449 Polypropylene Labels</b>												
Fig. 1	THT-6-449-1.5-SC	449	Polypropylene	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.150 (82.04)	2	1,500	R4313
Fig. 2	THT-17-449-1.5-SC	449	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
<b>B-483 Polyester Labels</b>												
Fig. 1	THT-5-483-5-SC	483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-17-483-1.5-SC	483	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-483-1.5-SC	483	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013
<b>B-488 Polyester Labels</b>												
Fig. 1	THT-140-488-1.5-SC	488	Polyester	White	0.750 (19.1)	0.900 (22.9)	1.000 (25.4)	0.875 (22.2)	2.100 (53.3)	2	1,500	R4313
Fig. 2	THT-164-488-1-SC	488	Polyester	White	0.900 (22.9)	0.900 (22.9)	-	1.000 (25.4)	1.100 (27.9)	1	1,000	R4313
Fig. 2	THT-59-498-2.5-SC	488	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R4313
<b>B-490 Polyester Labels</b>												
Fig. 2	THT-154-490-1.5-SC	490	Polyester	White	1.250 (31.8)	0.375 (9.5)	-	0.500 (12.7)	1.450 (36.8)	1	1,500	R4313
Fig. 2	THT-155-490-1.5-SC	490	Polyester	White	1.625 (41.3)	0.600 (15.2)	-	0.700 (17.8)	1.825 (46.4)	1	1,500	R4313
Fig. 2	THT-156-490-1.5-SC	490	Polyester	White	1.900 (48.3)	1.000 (25.4)	-	1.100 (27.9)	2.100 (53.3)	1	1,500	R4313
Fig. 2	THT-157-490-1.5-SC	490	Polyester	White	2.200 (55.9)	1.500 (38.1)	-	1.625 (41.3)	2.400 (61.0)	1	1,500	R4313
Fig. 2	THT-158-490-1.5-SC	490	Polyester	White	3.750 (95.3)	1.500 (38.1)	-	1.625 (41.3)	3.950 (100.3)	1	1,500	R4313
<b>B-498 Repositionable Vinyl Cloth Labels</b>												
Fig. 1	THT-90-498-2.5-SC	498	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	R6213
Fig. 3	THT-92-498-SC	498	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll	R6213
Fig. 1	THT-68-498-5-SC	498	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	5,000	R6213
Fig. 1	THT-14-498-5-SC	498	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	5,000	R6213
Fig. 1	THT-1-498-5-SC	498	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R6213
Fig. 1	THT-91-498-2.5-SC	498	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	2,500	R6213
Fig. 1	THT-165-498-2.5-SC	498	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	R6213
Fig. 1	THT-95-498-2.5-SC	498	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2,500	R6213
Fig. 1	THT-88-498-2.5-SC	498	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	R6213
Fig. 2	THT-199-498-3-SC	498	Vinyl Cloth	White	1.050 (26.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R6213
Fig. 2	THT-17-498-1.5-SC	498	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6213

## BBP®11 1" Small Core Label Rolls:

### Asset Tracking & Rating Plate Labels

Durable thermal transfer printable materials ensure that labels identifying assets and property will stay in place and printed information and barcodes will remain legible and scannable even though subjected to harsh environments.

- **B-428 Polyester Labels** - Thermal transfer printable metallized polyester with matte finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.
- **B-430 Polyester Labels** - Translucent, high performance polyester material with a glossy finish. Non-colored label with permanent adhesive. Good for general purpose thermal transfer printing.
- **B-483 Polyester Labels** - White polyester thermal transfer label with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.
- **B-486 Polyester Labels** - Thermal transfer printable metallized polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics. Withstands numerous solvents and variable temperatures.

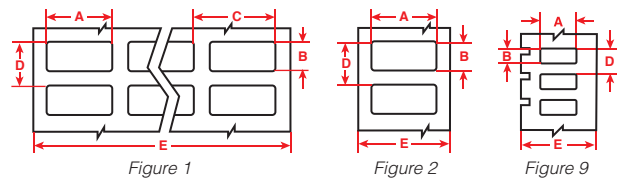


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
<b>B-428 Polyester Label</b>												
Fig. 1	THT-5-428-5-SC	428	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R4313
Fig. 2	THT-17-428-1.5-SC	428	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-428-1.5-SC	428	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313
<b>B-430 Polyester Labels</b>												
Fig. 9	THT-17-430-1.5-SC	430	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 9	THT-18-430-1.5-SC	430	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013
<b>B-486 Polyester Labels</b>												
Fig. 1	THT-5-486-5-SC	486	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R4313
Fig. 2	THT-17-486-1.5-SC	486	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-486-1.5-SC	486	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313
<b>B-483 Polyester</b>												
Fig. 1	THT-5-483-5-SC	483	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-17-483-1.5-SC	483	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-483-1.5-SC	483	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

## BBP®11 1" Small Core Label Rolls:

### Circuit Board Labels

Various sizes and labels for marking PCB's, electronic components and more.

- **B-457 Polyimide Labels** - High temperature performance, white polyimide material with glossy finish and permanent adhesive. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. In combination with the Series R6000/R6000HF ribbons, it passes the requirements of MIL-STD-202G, Notice 12, Method 215K.

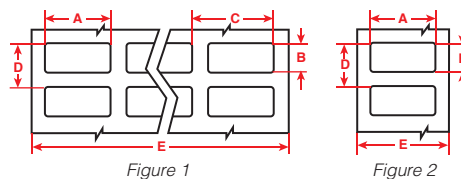


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
<b>B-457 Polyimide Labels</b>												
Fig. 1	THT-1-457-5-SC	457	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R6013
Fig. 2	THT-103-457-5-SC	457	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5,000	R6013
Fig. 2	THT-58-457-5-SC	457	Polyimide	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	5,000	R6013
Fig. 2	THT-59-457-2.5-SC	457	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R6013
Fig. 2	THT-43-457-5-SC	457	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	R6013
Fig. 2	THT-45-457-5-SC	457	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5,000	R6013

See all BBP®11 print ribbon parts on page 152.  
Full material descriptions on pages 164-170.

# BBP<sup>®</sup>11 Small Core Label Rolls

www.BradyID.com

## BBP<sup>®</sup>11 1" Small Core Label Rolls: Self-Laminating Wire & Cable Labels

- **B-427 Self-Laminating Wire Labels** - Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminates to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

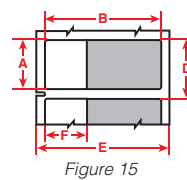
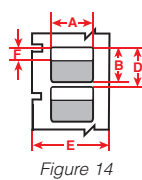
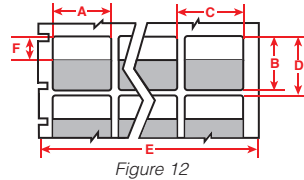
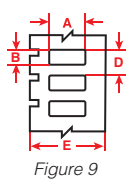


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Write On Area (Height)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
<b>B-427 Self-Laminating Wire Labels</b>													
Fig. 12	THT-80-427-2.5-SC	427	Vinyl	White/Transparent	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	2,500	R4313
Fig. 12	THT-8-427-5-SC	427	Vinyl	White/Transparent	0.500 (12.7)	1.437 (36.5)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	5	5,000	R4313
Fig. 12	THT-56-427-5-SC	427	Vinyl	White/Transparent	0.750 (19.1)	0.938 (23.8)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	0.375 (9.5)	4	5,000	R4313
Fig. 12	THT-74-427-5-SC	427	Vinyl	White/Transparent	0.800 (20.3)	1.437 (36.5)	0.800 (20.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	4	5,000	R4313
Fig. 12	THT-9-427-2.5-SC	427	Vinyl	White/Transparent	1.000 (25.4)	1.437 (36.5)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	3	2,500	R4313
Fig. 12	THT-75-427-1.5-SC	427	Vinyl	White/Transparent	1.000 (25.4)	2.250 (57.2)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	0.750 (19.1)	2	1,500	R4313
Fig. 12	THT-10-427-1.5-SC	427	Vinyl	White/Transparent	1.000 (25.4)	3.750 (95.3)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	1.000 (25.4)	3	1,500	R4313
Fig. 12	THT-81-427-5-SC	427	Vinyl	White/Transparent	1.000 (25.4)	6.000 (152.4)	1.100 (27.9)	6.187 (157.2)	2.300 (58.4)	1.500 (38.1)	2	500	R4313
Fig. 9	THT-135-427-2-AWSC	427	Vinyl	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	0.750 (19.1)	1	2,000	R4313
Fig. 14	THT-119-427-1-SC	427	Vinyl	White/Transparent	1.500 (38.1)	1.500 (38.1)	-	1.625 (41.3)	1.700 (43.1)	0.500 (12.7)	1	1,000	R4313
Fig. 14	THT-121-427-1-SC	427	Vinyl	White/Transparent	1.750 (44.5)	1.500 (38.1)	-	1.625 (41.3)	1.950 (49.5)	0.500 (12.7)	1	1,000	R4313
Fig. 14	THT-27-427-5-SC	427	Vinyl	White/Transparent	2.000 (50.8)	3.750 (95.3)	-	4.000 (101.6)	2.200 (55.9)	1.000 (25.4)	1	500	R4313
Fig. 14	THT-26-427-5-SC	427	Vinyl	White/Transparent	2.500 (63.5)	2.250 (57.2)	-	2.438 (61.9)	2.700 (68.6)	0.750 (19.1)	1	500	R4313
Fig. 15	THT-131-427-1.5-SC	427	Vinyl	White/Transparent	1.000 (25.4)	2.625 (66.7)	-	1.125 (28.6)	2.825 (71.8)	1.000 (25.4)	1	1,500	R4313

## BBP<sup>®</sup>11 1" Small Core Label Rolls: Wire & Cable Labels

- **B-498 Repositionable Vinyl Cloth Labels** - Repositionable vinyl cloth label for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.
- **B-499 Nylon Cloth Labels** - Nylon cloth with permanent adhesive allows labeling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vial identification, and general labeling

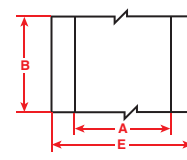
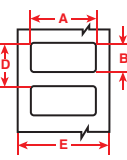
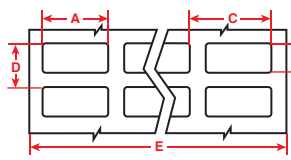


Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
<b>B-498 Vinyl Cloth</b>												
Fig. 1	THT-90-498-2.5-SC	498	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	R6313
Fig. 3	THT-92-498-SC	498	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Cont.	R6313
Fig. 1	THT-68-498-5-SC	498	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	5,000	R6313
Fig. 1	THT-14-498-5-SC	498	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	5,000	R6313
Fig. 1	THT-1-498-5-SC	498	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R6313
Fig. 1	THT-91-498-2.5-SC	498	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	2,500	R6313
Fig. 1	THT-165-498-2.5-SC	498	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	R6313
Fig. 1	THT-95-498-2.5-SC	498	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2,500	R6313
Fig. 1	THT-88-498-2.5-SC	498	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	R6313
Fig. 2	THT-199-498-3-SC	498	Vinyl Cloth	White	1.050 (26.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R6313
Fig. 2	THT-17-498-1.5-SC	498	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6313
<b>B-499 Nylon Cloth</b>												
Fig. 2	THT-125-499-1.5-SC	499	Nylon Cloth	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1,500	R4913
Fig. 1	THT-152-499-1.5-SC	499	Nylon Cloth	White	1.000 (25.4)	0.375 (9.5)	1.100 (27.9)	0.475 (12.1)	2.300 (58.4)	2	1,500	R4913
Fig. 2	THT-136-499-1.5-SC	499	Nylon Cloth	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.100 (27.9)	1	1,500	R4913
Fig. 2	THT-151-499-1.5-SC	499	Nylon Cloth	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	1,500	R4913
Fig. 2	THT-137-499-1.5-SC	499	Nylon Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.100 (53.3)	1	1,500	R4913



## 1" Small Core PermaSleeve® Wire Marking Sleeves for BBP®11 Label Printer

### Permanent Heat Shrink Wire Identification.

Brady's non-adhesive, printable wire marker heat shrink sleeves fit snugly around wires or cables for maximum insulation protection and permanent identification and are available on 1" small core label rolls specifically designed for use with the BBP®11 Label Printer.

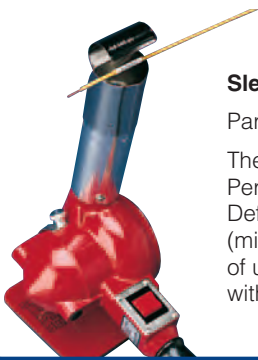
Brady's heat shrink sleeving is a full-circle design that provides fast, permanent wire marking. Clear, legible text can be printed on the wire and cable sleeving with a Brady printer for reliable wire identification.



### PermaSleeve® Heat Shrinkable Wire Markers Comparison Guide

Use the following table to help determine which Small Core PermaSleeve® Heat-Shrinkable Wire Marking Sleeves are right for your application. Then reference the following pages for more information and available part numbers.

Material	Product Category	Product Name Prefix	Adhesive Tape Color	Available Label Colors	Liner Platform	Shrink Ratio
<b>B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves</b> <i>(see page 74)</i>	Industrial/Military Grade	PS: Single-Sided 3PS: Double-Sided <i>Example: 3PS-187-2-WT</i>	Blue	Standard colors: White, Yellow Special Order colors: Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet,	Durable Paper Cardstock Liner	3:1
<b>B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves</b> <i>(see page 75)</i>	Industrial/Military Grade	HX: Single-Sided 2HX: Double-Sided <i>Example: 2HX-187-2-WT</i>	Red	Standard colors: White Special Order colors: Yellow, Black, Blue, Green, Gray, Orange, Red, Violet	Durable Paper Cardstock Liner	2:1



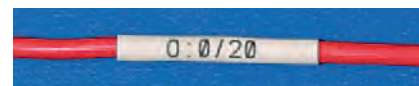
### Sleeve Heat Gun

Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve wire markers or heat-shrinkable tubing. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C)) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Before heat shrink



After heat shrink

# BBP<sup>®</sup>11 Small Core Label Rolls

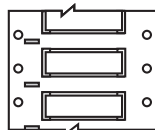
www.BradyID.com/bbp11

BBP<sup>®</sup>11 1" Small Core:

## B-342 PermaSleeve<sup>®</sup> PS Polyolefin Wire Marking Sleeves

B-342 PermaSleeve<sup>®</sup> PS Polyolefin Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection. These fade-resistant and flame retardant sleeves meet the following insulating material and physical property specifications:

- SAE-AMS-DTL-23053/5C (Class 1)
  - SAE-AS-81531
  - MIL-STD-202
  - RoHS Compliant
  - UL Recognized
- Tested per:**
- ASTM E162
  - ASTM E662



**Understanding PermaSleeve Parts:**

Example:  
**PS - 187 - 2 - WT - SC**

Product	Diameter	Width	Color*	Small Core for BBP11	2 Pieces** (Optional)
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Catalog	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm) Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
<b>Single-Sided Printable, 2" Width, BBP11 1" Small Core</b>										
PS-094-2-WT-SC	1,000	1,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-094-2-YL-SC	1,000	1,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-125-2-WT-SC	1,000	1,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-125-2-YL-SC	1,000	1,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-187-2-WT-SC	1,000	1,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-187-2-WT-SC-2	1,000	2,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.000 (25.4)	BBP11	R4313/ R6613
PS-187-2-YL-SC	1,000	1,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-250-2-WT-SC	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-250-2-WT-SC-2	500	1,000	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.000 (25.4)	BBP11	R4313/ R6613
PS-250-2-YL-SC	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-375-2-WT-SC	250	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-375-2-WT-SC-2	250	500	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.000 (25.4)	BBP11	R4313/ R6613
PS-375-2-YL-SC	250	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-500-2-WT-SC	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-500-2-YL-SC	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-750-2-WT-SC	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-750-2-YL-SC	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-1000-2-WT-SC	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
PS-1000-2-YL-SC	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
<b>Double-Sided Printable, 2" Width, BBP11 1" Small Core</b>										
3PS-094-2-WT-SC	1,000	1,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-094-2-YL-SC	1,000	1,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-125-2-WT-SC	1,000	1,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-125-2-YL-SC	1,000	1,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-187-2-WT-SC	1,000	1,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-187-2-YL-SC	1,000	1,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-250-2-WT-SC	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-250-2-YL-SC	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-375-2-WT-SC	250	250	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-375-2-YL-SC	250	250	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-500-2-WT-SC	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-500-2-YL-SC	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-750-2-WT-SC	100	100	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-750-2-YL-SC	100	100	6 to 4/0	0.250 (6.4) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-1000-2-WT-SC	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
3PS-1000-2-YL-SC	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613

*Choosing Your PermaSleeve Color	
<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black GR = Green PK = Pink BL = Blue GY = Gray RD = Red BR = Brown OR = Orange VT = Violet

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may special order to have each sleeve slit multiple times to produce multiple pieces. Example: PS-187-2-WT-SC becomes PS-187-2-WT-SC-2 This "2" means that this 2.000" sleeve is slit into two 1.000" pieces.	
<b>Standard Slit Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve

See all BBP<sup>®</sup>11 print ribbon parts on page 152.  
Full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# BBP®11 Small Core Label Rolls

www.BradyID.com/bbp11

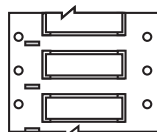
BBP®11 1" Small Core:

## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible.

These heat shrinkable wire marking sleeves meet the following industry specifications:

- |                                   |                    |
|-----------------------------------|--------------------|
| • SAE-AMS-DTL-23053/5 Class 1 & 3 | <b>Tested per:</b> |
| • SAE-AS-81531                    | • ASTM E162        |
| • MIL-STD-202                     | • ASTM E662        |
| • RoHS compliant                  |                    |



**! Understanding PermaSleeve Parts:**

Example:  
**HX - 187 - 2 - WT - SC** 4  
 Product    Diameter    Width    Color\*    Small Core for BBP11    Pieces\*\* (Optional)

Catalog	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm) Min. Max.	Supplied Dia. Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
<b>Single-Sided Printable, 2" Width, BBP11 1" Small Core</b>										
HX-094-2-WT-SC	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-125-2-WT-SC	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-187-2-WT-SC	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-250-2-WT-SC	500	500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-375-2-WT-SC	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-500-2-WT-SC	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-750-2-WT-SC	150	150	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
HX-1000-2-WT-SC	150	150	2/0 to 0.950" dia.	0.450 (12.7) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	BBP11	R4313/ R6613
<b>Double-Sided Printable, 2" Width, BBP11 1" Small Core</b>										
2HX-094-2-WT-SC	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-125-2-WT-SC	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-187-2-WT-SC	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-250-2-WT-SC	500	500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-375-2-WT-SC	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-500-2-WT-SC	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-750-2-WT-SC	150	150	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	BBP11	R4313/ R6613
2HX-1000-2-WT-SC	150	150	2/0 to 0.950" dia.	0.500 (12.7) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	BBP11	R4313/ R6613

*Choosing Your PermaSleeve Color	
<b>Standard Stock Colors:</b> WT = White	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black    GR = Green    RD = Red BL = Blue    GY = Gray    VT = Violet OR = Orange

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may special order to have each sleeve slit multiple times to produce multiple pieces. Example: HX-187-2-WT-SC becomes HX-187-2-WT-SC-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve

See all BBP®11 print ribbon parts on page 152.  
Full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# Brady IP™ Series Printer

www.BradyID.com/ip

Benchtop Thermal Transfer Printers

Brady IP™ Series Printer



## Load. Click. Print.

### High Performance Printing Made Faster And Simpler.

The Brady IP Printer redefines power and ease-of-use in thermal transfer printing. Our most popular benchtop solution, the IP utilizes smart chip technology allowing the printer, ribbon, media roll and PC software to communicate which significantly reduces set up time, reduces change-out time and reduces calibration label waste. Get ready for fast hassle-free printing.

#### Faster Change-outs and Less Waste

- Load Brady material and the software automatically recognizes it
- No more calibration or label waste required for notched, gapped or continuous materials
- Super-easy ribbon and media loading with center-justified guides and straight feed path
- Hassle-free drop-in media rolls install in a snap

#### More Performance

- Designed for up to 5000 labels per day at 12hrs / 5 days per week operation
- Fast print speed – up to 8 inches per second
- Prints on a vast selection of label varieties and materials, including custom-made parts
- LCD display shows correct media/ribbon match, visual sensor position and “media and ribbon remaining”

#### Hassle-Free Operation

- Fast hassle-free change-outs makes IP ideal for high-mix users (those using multiple label parts & put-ups)
- Perfect for users who are new to thermal transfer printing



#### Your Complete Printing Solution:

IP Series Label Rolls..... Page 86-151  
IP Series Print Ribbons..... Page 152



3" core media that auto-recognizes in printer.



Faster drop-in feeding method.

## High Performance Label Solutions



DoD UID Labeling



Wire & Cable Markers



Rating Plates



General ID



Push Button Labels



...And More!

# Brady IP™ Series Printer

www.BradyID.com/ip

## Brady IP™ Series Printer Specifications

<b>Description</b>	High-performance printing with smart cell supplies allowing printer, materials, and ribbon to communicate making set-up and changeovers significantly faster, easier and less wasteful.
<b>Applications &amp; Other Comments</b>	Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.
<b>Recommended Throughput &amp; Operational Hours</b>	5000 labels/day 12 hrs/5 days
<b>Print Technology</b>	Thermal Transfer and Direct Thermal
<b>Print Resolution</b>	300 or 600 dpi
<b>Max Print Speed</b>	8" per sec (300 dpi) 4" per sec (600 dpi)
<b>Max Print Width</b>	4.160"
<b>Media Widths</b>	1"-4.160"
<b>Minimum Label Dimension</b>	0.187" **
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only
<b>Connectivity Options</b>	Standard: Serial, Parallel, USB, Ethernet 10/100
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*

## Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Acceptable (with special printer settings)
<b>Nomex® Tags</b>	Not Recommended
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended
<b>PermaSleeve® PS &amp; HT</b>	Yes (Recommended)
<b>PermaSleeve® ZH</b>	Not Recommended
<b>PermaSleeve® HX</b>	Not Recommended
<b>Double-Sided PermaSleeve®</b>	Not (Recommended)

## IP™ Series Printer and Accessories

Catalog #	Description
<b>300 dpi IP Printer</b>	
BP-IP300	Brady IP 300 dpi Printer
BP-IP300-C	Brady IP 300 dpi Printer with cutter
<b>600 dpi IP Printer</b>	
BP-IP600	Brady IP 600 dpi Printer
BP-IP600-C	Brady IP 600 dpi Printer with cutter

## IP® Series Value Packages

Save when you purchase our two most common accessories with your printer. Powerful and easy-to-use Labelmark Software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.

### BRADY 360® Brady 360® Printer Protection Plans

- Brady 360 Basic Plan**  
 3 years total warranty coverage and access to a loaner printer if your covered printer is in for service.
- Brady 360 Preferred Plan**  
 The same warranty and loaner access as the basic plan, plus one free Preventive Maintenance Service, free printer firmware upgrades, and two free hours of Advanced Professional Tech Support Services.

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



### Labelmark™ Labeling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For more information view page 10 or visit [www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

## IP Series Printer Value Packages

Catalog #	Description
<b>300 dpi IP Printer Packages</b>	
BP-IP300-BASIC	IP300 Printer and Brady 360 Basic Plan
BP-IP300-PREFER	IP300 Printer and Brady 360 Prefer Plan
BP-IP300-360B-LM	IP300 Printer and Brady 360 Basic Plan and LabelMark Standard Software
BP-IP300-360P-LM	IP300 Printer and Brady 360 Preferred Plan and LabelMark Standard Software
BP-IP300-C-BASIC	IP300 Printer with cutter, and Brady 360 Basic Plan
BP-IP300-C-PREFER	IP300 Printer with cutter, and Brady 360 Prefer Plan
<b>600 dpi IP Printer Packages</b>	
BP-IP600-BASIC	IP600 Printer and Brady 360 Basic Plan
BP-IP600-PREFER	IP600 Printer and Brady 360 Prefer Plan
BP-IP600-360B-LM	IP600 Printer and Brady 360 Basic Plan and LabelMark Standard Software
BP-IP600-360P-LM	IP600 Printer and Brady 360 Preferred Plan and LabelMark Standard Software
BP-IP600-C-BASIC	IP600 Printer with cutter, and Brady 360 Basic Plan
BP-IP600-C-PREFER	IP600 Printer with cutter, and Brady 360 Prefer Plan



### Technical Services Stress-Free Setup Assistance

This printer qualifies for Brady's Stress Free System Setup Service. Call Brady today to schedule your FREE setup appointment. Call 1-800-643-8766 and select Menu Option 4.

For more information visit [www.BradyID.com/setupservice](http://www.BradyID.com/setupservice)

# BBP<sup>®</sup>81 Label Printer

www.BradyID.com/bbp81

Benchtop Thermal Transfer Printers

BBP<sup>®</sup>81 Label Printer



 **Request A Demo:**  
[www.BradyID.com/bbp81](http://www.BradyID.com/bbp81)

**Your Complete Printing Solution:**  
BBP81 Label Rolls..... Page 86-151  
BBP81 Print Ribbons..... Page 152



3" core media rolls.

## BBP<sup>®</sup>81 LABEL PRINTER

**Always Ready To Perform.**  
Sharp labels for your ZPL applications

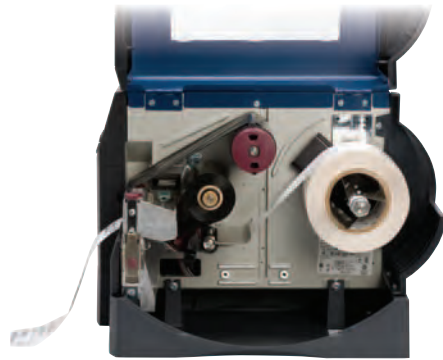
The BBP<sup>®</sup>81 is a sturdy, dependable printer with a more traditional loading and set-up method, sharp 300 dpi print resolution and a ZPL programming language.

### Rugged Design

- Die-cast metal frame with large clear window
- Compatible with 3" open core media rolls and ribbons cores using traditional thread-through loading, calibration and set-up process
- Automatically initiates calibration feed when printer is turned on

### Versatile

- Over 800 varieties of labels
- Compatible with custom-produced labels
- Ideal for a wide variety of general purpose labeling



Traditional feed-thread-calibrate supply loading method.

**The heavy-duty printer that's always ready to perform.**



Wire & Cable Adhesive Labels



General Identification



Voice & Data Communication



Electronics



...And More!

BBP®81 Printer Specifications	
<b>Description</b>	High-performance printer but with traditional loading, set up and calibration steps.
<b>Applications &amp; Other Comments</b>	Mid-volume ZPL-required applications
<b>Recommended Throughput &amp; Operational Hours</b>	5000 labels / day 12 hrs / 5 days
<b>Print Technology</b>	Thermal Transfer and Direct Thermal
<b>Print Resolution</b>	300 dpi
<b>Max Print Speed</b>	8" per sec
<b>Max Print Width</b>	4.090"
<b>Media Widths</b>	1"-4.500"
<b>Minimum Label Dimension</b>	0.500"
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only
<b>Connectivity Options</b>	Standard: Serial, Parallel, USB Optional: Ethernet 10/100
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*

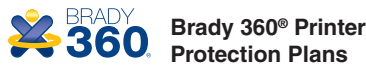
Specialty Material Recommendations	
<b>B-593 Raised Panel Labels</b>	Not Recommended
<b>Nomex® Tags</b>	Not Recommended
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended
<b>PermaSleeve® PS &amp; HT</b>	Not Recommended
<b>PermaSleeve® ZH</b>	Not Recommended
<b>PermaSleeve® HX</b>	Not Recommended
<b>Double-Sided PermaSleeve®</b>	Not Recommended

## BBP®81 Printer and Accessories

Catalog #	Description
BBP81-34	BBP81 Label Printer - 300 dpi Standard
BBP81-34L	BBP81 Label Printer - 300 dpi w/ 10 base 100 LAN

## BBP®81 Packages

Enhance the value of your printer when you purchase our two most common accessories. Powerful and easy-to-use software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.



**Brady 360® Printer Protection Plans**

- Brady 360 Basic Plan**  
 3 years total warranty coverage and access to a loaner printer if your covered printer is in for service.
- Brady 360 Preferred Plan**  
 The same warranty and loaner access as the basic plan, plus one free Preventive Maintenance Service, free printer firmware upgrades, and two free hours of Advanced Professional Tech Support Services.

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



**Labelmark™ Labeling Software**

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)



**CodeSoft™ Label Design Software**

Powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For more information view page 10 or visit [www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

### BBP81 Printer Packages

Catalog #	Description
BBP81-34L-360B	BBP81-34L Printer and Brady 360 Basic Plan
BBP81-34L-360P	BBP81-34L Printer and Brady 360 Prefer Plan



### Technical Services Stress-Free Setup Assistance

This printer qualifies for Brady's Stress Free System Setup Service. Call Brady today to schedule your FREE setup appointment. Call 1-800-643-8766 and select Menu Option 4.

For more information visit [www.BradyID.com/setupservice](http://www.BradyID.com/setupservice)



Windows® is a registered trademark of Microsoft Corporation.

# Bradyprinter™ PR Plus Printer

www.BradyID.com/prplus

Benchtop Thermal Transfer Printers

Bradyprinter™ PR Plus Printer



 **Request A Demo:**  
[www.BradyID.com/prplus](http://www.BradyID.com/prplus)

**Your Complete Printing Solution:**  
PR Plus Label Rolls ..... Page 86-151  
PR Plus Print Ribbons..... Page 152



3" core media rolls.

## Bradyprinter™ PR Plus Thermal Transfer Printer

Heavyduty meets hightech.

The Bradyprinter PR Plus is a heavy duty industrial printer, designed to last in industrial environments with a metal cover to protect the printer and your materials. This printer is suited to print heat-shrinkable wire markers, thick tags and other difficult to print materials where the material has a long life expectancy.

### High Performance

- 300 dpi or ultra-sharp 600 dpi printing
- Adjustable post and head locking mechanism maintains correct printhead pressure ensuring the best print consistency
- 4" wide and 6.6" wide print width models
- Ultra-durable metal construction for rugged and dependable long life performance

### High Speed

- Designed for up to 7000 labels per day at 24hrs / 7 days per week operation
- Fast print speed – up to 9.8 inches per second

### Widest Range of Standard and Specialty Materials

- Prints on an extensive range of standard labels as well as specialty materials including Nomex® cable tags, PermaSleeve® Wire Markers and Brady B-330 Polyolefin Heat-Shrink Wrap labels.
- Best printer for Brady Raised Panel engraved-plate substitute labels.
- Prints on small labels down to 0.16" label size with tight registration

## The heavy-duty printer that's always ready to perform.



Barcode Labels



Wire & Cable Labels



Raised Panel Labels



PermaSleeve® Wire Marking Sleeves



Electronics Labels



...And More!

# Bradyprinter™ PR Plus Printer

www.BradyID.com/prplus

Printer Specifications	Bradyprinter™ PR 300 / 600 Plus	Bradyprinter™ PR 360 Plus
<b>Description</b>	Heavy-duty, high speed, high volume printer in 300 dpi and 600 dpi models. Also prints on widest selection of specially and advanced materials, and has the smallest minimum label size.	Same performance as the PR300 Plus Printer but with 6.6" max print width for larger labels.
<b>Applications &amp; Other Comments</b>	Higher-volume applications, and accommodates thicker and specialty materials. Ideal for ADM users, wire sleeves, wire labels, electronics ID, raised panel labels, Nomex tags, and more.	Same as PR300 Plus Printer but with wider label capability.
<b>Recommended Throughput &amp; Operational Hours</b>	7000 labels / day 24 hrs / 7 days	7000 labels / day 24 hrs / 7 days
<b>Print Technology</b>	Thermal Transfer and Direct Thermal	Thermal Transfer and Direct Thermal
<b>Print Resolution</b>	300 or 600 dpi	300 dpi
<b>Max Print Speed</b>	9.8" per sec	9.8" per sec
<b>Max Print Width</b>	4.160"	6.500"
<b>Media Widths</b>	1.000"-4.700"	2.000"-7.060"
<b>Minimum Label Dimension</b>	0.125" **	0.125" **
<b>Color Capabilities</b>	Monocolor	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only	PC Connect only
<b>Connectivity Options</b>	Standard: Serial, USB, Ethernet 10/100	Standard: Serial, USB, Ethernet 10/100
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*

Specialty Material Recommendations		
<b>B-593 Raised Panel Labels</b>	Yes (Recommended)	Yes (Recommended)
<b>Nomex® Tags</b>	Yes (Recommended)	Yes (Recommended)
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® PS &amp; HT</b>	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® ZH</b>	Yes (Recommended)	Yes (Recommended)
<b>PermaSleeve® HX</b>	Yes (Recommended)	Yes (Recommended)
<b>Double-Sided PermaSleeve®</b>	Yes (With 2-pass reinsert of media)	Yes (With 2-pass reinsert of media)

## PR Plus Printer and Accessories

Catalog #	Description
<b>PR 300 Plus - 300 dpi Printer</b>	
BP-PR300+	PR300 Plus Printer
BP-PR300+-PPR	PR300 Plus Printer with Peel & Present
<b>PR 360 Plus - 300 dpi Printer with 6.6" max print width</b>	
BP-PR360+	PR360 Plus Printer
BP-PR360+-PPR	PR360 Plus Printer with Peel & Present
<b>PR 600 Plus - 600 dpi Printer</b>	
BP-PR600+	PR600 Plus Printer
BP-PR600+-PPR	PR600 Plus Printer with Peel & Present
<b>Accessories</b>	
PR+-AutoCutter-FI	PR+ Field Installable Cutter CU4

## PR Plus Printer Value Packages

Save when you purchase our two most common accessories with your printer. Powerful and easy-to-use LabelMark Software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.

### BRADY 360® Brady 360® Printer Protection Plans

- Brady 360 Basic Plan**  
 3 years total warranty coverage and access to a loaner printer if your covered printer is in for service.
- Brady 360 Preferred Plan**  
 The same warranty and loaner access as the basic plan, plus one free Preventive Maintenance Service, free printer firmware upgrades, and two free hours of Advanced Professional Tech Support Services.

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



### Labelmark™ Labeling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)



### CodeSoft™ Label Design Software

Available separately, this powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For more information view page 10 or visit [www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

### PR Plus Printer Value Packages

Catalog #	Description
<b>PR 300 Plus - 300 dpi Printer</b>	
BP-PR300+-BASIC	PR300+ Printer and Brady 360® Basic Plan
BP-PR300+-PREFER	PR300+ Printer and Brady 360® Prefer Plan
BP-PR300+-360B-LM	PR300+ Printer and Brady 360® Basic Plan and LabelMark Standard Software
BP-PR300+-360P-LM	PR300+ Printer and Brady 360® Preferred Plan and LabelMark Standard Software
<b>PR 360 Plus - 300 dpi Printer with 6.6" max print width</b>	
BP-PR360+-BASIC	PR360+ Printer and Brady 360 Basic Plan
BP-PR360+-PREFER	PR360+ Printer and Brady 360 Prefer Plan
BP-PR360+-360B-LM	PR360+ Printer and Brady 360 Basic Plan and LabelMark Standard Software
BP-PR360+-360P-LM	PR360+ Printer and Brady 360® Preferred Plan and LabelMark Standard Softwar
<b>PR 600 Plus - 600 dpi Printer</b>	
BP-PR600+-BASIC	PR600+ Printer and Brady 360 Basic Plan
BP-PR600+-PREFER	PR600+ Printer and Brady 360 Prefer Plan
BP-PR600+-360B-LM	PR600+ Printer and Brady 360 Basic Plan and LabelMark Standard Software
BP-PR600+-360P-LM	PR600+ Printer and Brady 360 Preferred Plan and LabelMark Standard Software



### Technical Services Stress-Free Setup Assistance

This printer qualifies for Brady's Stress Free System Setup Service. Call Brady today to schedule your FREE setup appointment. Call 1-800-643-8766 and select Menu Option 4.

For more information visit [www.BradyID.com/setupservice](http://www.BradyID.com/setupservice)

Ideal for printing PermaSleeve® Wire Marking Sleeves

Windows® is a registered trademark of Microsoft Corporation.

# BBP<sup>®</sup>72 Double Sided Printer

www.BradyID.com/bbp72

Benchtop Thermal Transfer Printers

BBP<sup>®</sup>72 Double Sided Printer

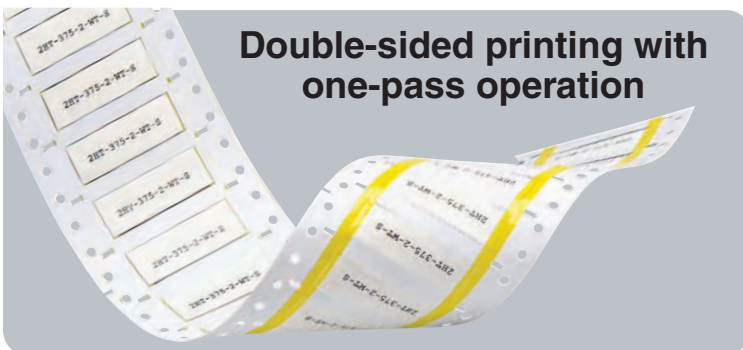


### Your Complete Printing Solution:

BBP72 Sleeve Rolls ..... Page 102-129  
BBP72 Print Ribbons ..... Page 152



3" core double-sided media rolls.



Double-sided printing with one-pass operation

## BBP<sup>®</sup>72 DOUBLE SIDED PRINTER

### Sleeves In Half The Time

Print accurate, double-sided heat shrink sleeves for wire and cable identification.

The BBP<sup>®</sup>72 Double-Sided Sleeve Printer is designed to print on both the top and the bottom of the sleeve simultaneously, creating sleeves in a seamless one-pass operation without the time-consuming, tedious process of re-winding and re-printing the sleeves.

- Double-sided printing with one-pass operation
- Automatic printing and formatting for reducing label errors
- Less sleeve waste due to incorrect set-up and misalignment
- Crisp, clear thermal transfer printing with 300 dpi print resolution
- Prints on a variety of heat shrink sleeves including PermaSleeve<sup>®</sup> PS, HX, HT, and ZH Wire Marking Sleeves
- Durable, fade-resistant and smudge-proof sleeves
- Higher printhead heat settings for optimum print quality
- Rugged design with metal cover protects the printer and your materials



# BBP<sup>®</sup>72 Double Sided Printer

www.BradyID.com/bbp72

## BBP<sup>®</sup>72 Double Sided Printer Specifications

<b>Description</b>	Specialty high volume printer designed specifically for printing double-sided heat-shrink sleeves.
<b>Applications &amp; Other Comments</b>	High Volume PermaSleeve <sup>®</sup> Wire Marking Sleeves (Double-sided format only).
<b>Recommended Throughput &amp; Operational Hours</b>	7000+ labels /day 24 hrs / 7 days
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	300 dpi
<b>Max Print Speed</b>	5" per sec
<b>Max Print Width</b>	4.160"
<b>Media Widths</b>	N/A
<b>Minimum Label Dimension</b>	0.182"
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only
<b>Connectivity Options</b>	Standard: USB, Ethernet 10/100
<b>Compatible Software</b>	Labelmark <sup>™</sup> Software, Codesoft <sup>™</sup> Software, Windows <sup>®</sup> based driver for 3rd party software use*

## Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Not Recommended
<b>Nomex<sup>®</sup> Tags</b>	Not Recommended
<b>B-330 Polyolefin Heat Shrink Wrap</b>	Not Recommended
<b>PermaSleeve<sup>®</sup> PS &amp; HT</b>	Yes (Double-Sided Format Only)
<b>PermaSleeve<sup>®</sup> ZH</b>	Yes (Double-Sided Format Only)
<b>PermaSleeve<sup>®</sup> HX</b>	Yes (Double-Sided Format Only)
<b>Double-Sided PermaSleeve<sup>®</sup></b>	Yes (Recommended)



## BBP<sup>®</sup>72 Printer and Accessories

Catalog #	Description
BBP72-34L	BBP72 Double Sided Printer

## BBP<sup>®</sup>72 Packages

Enhance the value of your printer when you purchase our two most common accessories. Powerful and easy-to-use software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.

### BRADY 360<sup>®</sup> Printer Protection Plans

- Brady 360 Basic Plan**  
 3 years total warranty coverage and access to a loaner printer if your covered printer is in for service.
- Brady 360 Preferred Plan**  
 The same warranty and loaner access as the basic plan, plus one free Preventive Maintenance Service, free printer firmware upgrades, and two free hours of Advanced Professional Tech Support Services.

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



### Labelmark<sup>™</sup> Labeling Software

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)



### CodeSoft<sup>™</sup> Label Design Software

Powerful enterprise level label creation software features more extensive capabilities for integration with 3rd party software applications.

For more information view page 10 or visit [www.BradyID.com/codesoft](http://www.BradyID.com/codesoft)

## BBP72 Printer Packages

Catalog #	Description
<b>BBP72 Printer Packages</b>	
BBP72-BASIC	BBP72 Printer with Brady 360 Basic Plan
BBP72-PREFERRED	BBP72 Printer with Brady 360 Preferred Plan



### Technical Services Stress-Free Setup Assistance

This printer qualifies for Brady's Stress Free System Setup Service. Call Brady today to schedule your FREE setup appointment. Call 1-800-643-8766 and select Menu Option 4.

For more information visit [www.BradyID.com/setupservice](http://www.BradyID.com/setupservice)

## Industry Specifications

Together with Brady ribbon, the heat-shrink sleeves meet a variety of industry specifications:



Industry Specifications	PermaSleeve PS (B-342)	PermaSleeve HT (B-345)	PermaSleeve ZH (B-7641)	PermaSleeve HX (B-7642)
SAE-AMS-DTL-23053/5C (Class 1)	•			•
SAE-AS-81531	•	•	•	•
MIL-STD-202	•	•	•	•
NASA SP-R-022A Outgassing		•		
RoHS Recognized	•	•	•	•
UL Recognized	•			
<b>Tested Per:</b>				
SAE- DTL- 2305 3/5 Class 1		•		
ASTM E162	•	•	•	•
ASTM E662	•	•	•	•

Windows<sup>®</sup> is a registered trademark of Microsoft Corporation.

# Wraprot™ Wire ID Printer

[www.BradyID.com/wraptor](http://www.BradyID.com/wraptor)

Benchtop Thermal Transfer Printers

Wraprot™ Wire ID Printer



**WRAPROT™**  
WIRE ID PRINTER APPLICATOR

**Automatically prints and wraps labels in seconds!**

Wraprot™ Wire ID Printer Applicator from Brady - the automated print and apply machine that makes wire and cable identification faster and easier.

The Brady Wraprot system improves productivity and adds quality by combining the printing and application of labels in one easy-to-use unit.

In a single stroke, the Wraprot turns a series of labor-intensive, inefficient tasks into a modern automated process that saves time and materials – saving your company money.

 **Online Demo:**  
[www.BradyID.com/wraptor](http://www.BradyID.com/wraptor)

**Your Complete Printing Solution:**  
Wraprot Label Rolls ..... Page 85  
Wraprot Print Ribbons ..... Page 152



Select job, insert wire or cable.



Wraprot prints and wrap in under 5 seconds!

# Wraprot™ Wire ID Printer Materials

www.BradyID.com/wraprot

## Wraprot™ Wire ID Printer Specifications

<b>Description</b>	Specialty system that prints and applies labels to wire, cable and wire harnesses. Can be use stand alone or "in-line" with cut-and-strip equipment.
<b>Applications &amp; Other Comments</b>	Prints & wraps self-laminating and vinyl cloth labels to wires from 0.060" to 0.600 diameter. Prints and wraps within 5 seconds
<b>Recommended Throughput &amp; Operational Hours</b>	7000+ labels /day 24 hrs / 7 days
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	300 dpi
<b>Max Print Speed</b>	4.5-5 sec cycle
<b>Max Print Width</b>	2.000"
<b>Media Widths</b>	N/A
<b>Minimum Label Dimension</b>	0.250"
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect only
<b>Connectivity Options</b>	Standard: USB, Ethernet 10/100 Specialty Serial for in-line Cut & Strip
<b>Compatible Software</b>	Labelmark™ Software, Codesoft™ Software,

## Specialty Material Recommendations

Only the labels appearing on this page are compatible with the Wraprot™ Wire ID Printer.

## Wraprot™ Wire ID Printer

Your purchase of the Wraprot™ Wire ID Printer includes our two most common accessories, Labelmark™ Software and a Brady 360 Basic plan. So you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.



**Brady 360® Basic Printer Protection & Care Plan for Wraprot**  
(Included with Wraprot purchase)

- Extend warranty coverage for 1 year
- No cost ground shipping for all repairs
- Part & labor included (excludes V-Block, but includes printhead)
- Guaranteed loaner availability
- One annual on-Site preventive maintenance service during coverage
- 1/2 price emergency on-site service
- Renewal available with approved printer inspection



**Labelmark™ Labeling Software**  
(Included with Wraprot Purchase)

Robust software solution for label design, data importing, editing and printing. Written specifically for wire and data comm ID, ADM labeling and general industrial applications.

For more information view page 8 or visit [www.BradyID.com/labelmark](http://www.BradyID.com/labelmark)

Additional Plans available for the Wraprot Printer at [www.BradyID.com/Brady360](http://www.BradyID.com/Brady360).

## Wraprot™ Printer and Value Packages

Catalog #	Description
WRAPROT-PTR	Wraprot Wire ID Printer w/ LabelMark Software and Brady 360 Basic

\*Printer purchase includes LabelMark™ Software, Wraprot print driver, File Management Utility (FMU), USB cable, 64MB CF Card, Stylus 3PK, Roll of WRAP-4-427, Roll of R4302 Ribbon and Brady 360® Wraprot Basic Protection Plan.

**For In-Line Cut & Strip Applications:** Special restrictions apply. Contact Brady for all in-line Cut & Strip applications.

## Labels for Wraprot™ Wire ID Printer

The following part numbers beginning with "WRAP" are specially designed for use in the Wraprot Wire ID Printer only.

**Brady B-427 Self-Laminating Wire Labels** - Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminates to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

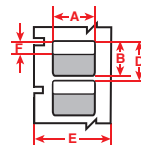


Figure 14



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area F Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 14	WRAP-11-427	Vinyl	White	0.500 (12.7)	1.500 (38.1)	1.625 (41.3)	0.790 (20.1)	0.500 (12.7)	6-14g; 0.159" - 0.279" dia	1	3600	R4311
Fig. 14	WRAP-1-427	Vinyl	White	0.500 (12.7)	0.750 (19.1)	0.875 (22.2)	0.790 (20.1)	0.375 (9.5)	18-22g; 0.06" - 0.08" dia	1	6800	R4311
Fig. 14	WRAP-10-427	Vinyl	White	1.000 (25.4)	2.250 (57.2)	2.375 (60.3)	1.290 (32.8)	0.750 (19.1)	1/0-8g; 0.239" - 0.438" dia	1	2500	R4306
Fig. 14	WRAP-2-427	Vinyl	White	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	1.290 (32.8)	0.375 (9.5)	12-18g; 0.08" - 0.159" dia	1	5300	R4311
Fig. 14	WRAP-3-427	Vinyl	White	1.000 (25.4)	1.250 (31.8)	1.375 (34.9)	1.290 (32.8)	0.500 (12.7)	10-14g; 0.159" - 0.199" dia	1	4300	R4311
Fig. 14	WRAP-4-427	Vinyl	White	1.000 (25.4)	1.500 (38.1)	1.625 (41.3)	1.290 (32.8)	0.500 (12.7)	6-14g; 0.159" - 0.279" dia	1	3600	R4311
Fig. 14	WRAP-5-427	Vinyl	White	1.000 (25.4)	2.500 (63.5)	2.625 (66.7)	1.790 (45.5)	0.750 (19.1)	1/0-8g; 0.239" - 0.517" dia	1	2200	R4306
Fig. 14	WRAP-12-427	Vinyl	White	2.000 (50.8)	1.500 (38.1)	1.625 (41.3)	2.290 (58.2)	0.500 (12.7)	6-14g; 0.159" - 0.279" dia	1	3600	R4302

**B-499 Nylon Cloth Labels** - Nylon cloth with permanent adhesive allows labeling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vial identification, and general labeling.

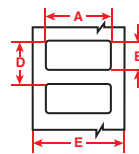


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Wire Gauge	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	WRAP-7-499	Nylon Cloth	White	0.500 (12.7)	0.750 (19.1)	10-22g; 0.06" - 0.199" dia	1	4500	R4311
Fig. 2	WRAP-13-499	Nylon Cloth	White	1.000 (25.4)	1.000 (25.4)	6-14g; 0.159" - 0.279" dia	1	4100	R4306
Fig. 2	WRAP-8-499	Nylon Cloth	White	1.000 (25.4)	1.500 (38.1)	2-14g; 0.159" - 0.438" dia	1	2800	R4311
Fig. 2	WRAP-9-499	Nylon Cloth	White	2.000 (50.8)	2.000 (50.8)	3/0-8g; 0.212" - 0.597" dia	1	2100	R4302

# THT Labels: General Identification

www.BradyID.com



## General Identification Labels

Labels designed to stick and stay stuck.

Brady's industrial labels are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy-duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, equipment, floors, walls, racks and more.

Brady's industrial labels are made to stick and stay stuck - so you can create facility and safety identification once, knowing it will still be there years down the line.

**! Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

*Example:*

THT-5-426-10

<p><b>Technology:</b> Thermal Transfer</p>	<p><b>Die Cut:</b> #5, 1.000" x 0.500"</p>	<p><b>Package Qty:</b> 10,000</p>
<p><b>Material Number:</b> B-426, Amber, Polyimide</p>		

### Printer Compatibility

All General Identification label parts shown on pages 86-95 are compatible with the following printers unless otherwise noted.

#### Recommended Printers



**Bradyprinter™  
PR Plus Printers**  
*See Page 80*



**Brady IP™ Printer**  
*See Page 76*



**BBP®81 Label Printer**  
*See Page 78*



**BBP®11 Label Printer**  
*3" Core Label Rolls are compatible when used with Media Holder accessory. See Page 68*

### 3" Core General ID Labels:

## B-402 Paper Labels

Color: White      Finish: Matte

White paper label for thermal transfer print technology. An economical solution for general purpose labeling needs.

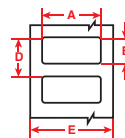


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-17-402-5.2	Paper	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.125 (54.0)	1	5,200	R6100
Fig. 2	THT-18-402-5.2	Paper	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	5,200	R6102
Fig. 2	THT-19-402-3	Paper	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	3,000	R6102
Fig. 2	THT-20-402-1.1	Paper	White	3.000 (76.2)	5.000 (127.0)	5.125 (130.2)	3.200 (81.3)	1	1,100	R6102
Fig. 2	THT-25-402-1	Paper	White	4.000 (101.6)	6.000 (152.4)	6.125 (155.6)	4.200 (106.7)	1	1,000	R6107
Fig. 2	THT-55-402-3	Paper	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	3,000	R6107
Fig. 2	THT-77-402-1.4	Paper	White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.125 (104.8)	1	1,400	R6107
Fig. 2	THT-78-402-0.9	Paper	White	4.000 (101.6)	6.500 (165.1)	6.625 (168.3)	4.125 (104.8)	1	900	R6107

# THT Labels: General Identification

www.BradyID.com

3" Core General ID Labels:

## B-407 Polyolefin Labels

Color: Clear Finish: Matte

Clear polyolefin label for general purpose labeling using thermal transfer technology. Its matte finish offers a "no label" look on matte surfaces. Can be used as an overlamine. Not recommended for outdoor use.

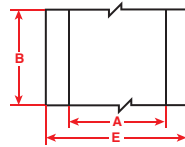


Figure 3

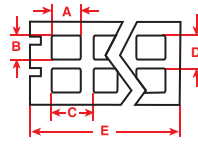


Figure 6

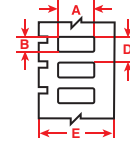


Figure 9



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 9	THT-17-407-3	Polyolefin	Clear	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	R4902
Fig. 3	THT-21-407	Polyolefin	Clear	3.000 (76.2)	300 ft. (91.4 m)	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4900

3" Core General ID Labels:

## B-408 Paper Labels

Color: White Finish: Matte

General purpose paper label for thermal transfer printing. White with matte finish and removable adhesive. Can be repositioned or removed.

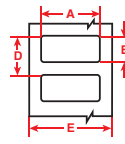


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-17-408-3	Paper	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	R6100
Fig. 2	THT-18-408-3	Paper	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	R6102
Fig. 2	THT-19-408-1	Paper	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	R6102
Fig. 2	THT-20-408-1	Paper	White	3.000 (76.2)	5.000 (127.0)	5.125 (130.2)	3.200 (81.3)	1	1,000	R6102
Fig. 2	THT-25-408-1	Paper	White	4.000 (101.6)	6.000 (152.4)	6.125 (155.6)	4.200 (106.7)	1	1,000	R6107
Fig. 2	THT-55-408-1	Paper	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	1,000	R6107
Fig. 2	THT-78-408-1	Paper	White	4.000 (101.6)	6.500 (165.1)	6.625 (168.3)	4.200 (106.7)	1	1,000	R6107

3" Core General ID Labels:

## B-422 Polyester Labels

Color: White Finish: Gloss

White label stock with glossy finish and 2 mils of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, and asset and inventory tracking.

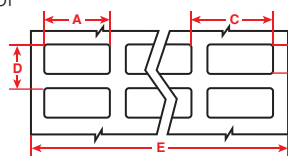


Figure 1

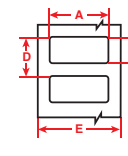


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-148-422-10	Polyester	White	0.500 (12.7)	0.375 (9.5)	0.600 (15.2)	0.475 (12.1)	2.500 (63.5)	4	10,000	R6002
Fig. 1	THT-149-422-10	Polyester	White	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	10,000	R6002
Fig. 1	THT-36-422-10	Polyester	White	0.500 (12.7)	0.200 (5.1)	0.625 (15.9)	0.300 (7.6)	3.200 (81.3)	5	10,000	R6002
Fig. 1	THT-3-422-10	Polyester	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-5-422-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-102-422-10	Polyester	White	1.500 (38.1)	0.370 (9.4)	-	0.500 (12.7)	1.700 (43.2)	1	10,000	R6000
Fig. 1	THT-147-422-10	Polyester	White	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.475 (12.1)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-37-422-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-422-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-422-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-422-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-422-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 2	THT-76-422-1	Polyester	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R6007

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

1-888-272-3946 | www.BradyID.com

# THT Labels: General Identification

www.BradyID.com

## 3" Core General ID Labels

### B-423 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.

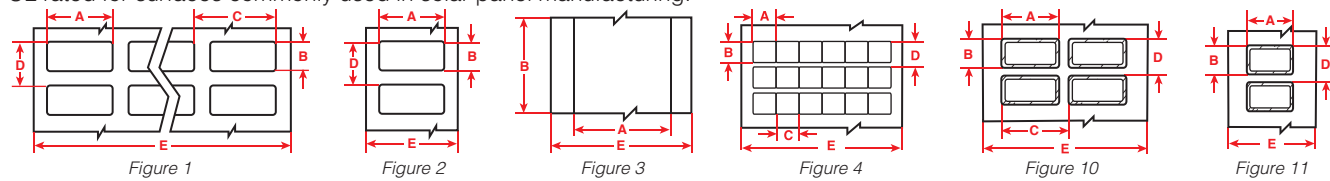


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-423-10	Polyester	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R6002
Fig. 1	THT-38-423-10	Polyester	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-423-10	Polyester	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 1	THT-36-423-10	Polyester	White	0.500 (12.7)	0.200 (5.1)	0.625 (15.9)	0.300 (7.6)	3.200 (81.3)	5	10,000	R6002
Fig. 1	THT-14-423-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-423-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-57-423-10	Polyester	White	0.700 (17.8)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-1-423-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-423-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6011
Fig. 1	THT-50-423-10	Polyester	White	0.750 (19.1)	0.750 (19.1)	0.800 (20.3)	0.875 (22.2)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-2-423-10	Polyester	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-423-10	Polyester	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-423-10	Polyester	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-3-423-10	Polyester	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-41-423-10	Polyester	White	1.000 (25.4)	0.187 (4.8)	1.075 (27.3)	0.287 (7.3)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-42-423-10	Polyester	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-51-423-10	Polyester	White	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.375 (9.5)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-5-423-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-423-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-31-423-10	Polyester	White	1.100 (27.9)	0.380 (9.7)	1.200 (30.5)	0.500 (12.7)	2.500 (63.5)	2	10,000	R6002
Fig. 1	THT-13-423-10	Polyester	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R6002
Fig. 1	THT-29-423-10	Polyester	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-423-10	Polyester	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 10	THT-22-423-2	Polyester	White	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.6)	3.350 (85.1)	2	2,000	R6002
Fig. 1	THT-40-423-10	Polyester	White	1.375 (34.9)	0.250 (6.4)	1.475 (37.5)	0.375 (9.5)	3.050 (77.5)	2	10,000	R6002
Fig. 2	THT-44-423-10	Polyester	White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R6000
Fig. 1	THT-28-423-10	Polyester	White	1.500 (38.1)	0.125 (3.2)	1.650 (41.9)	0.250 (6.4)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-37-423-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-4-423-10	Polyester	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-45-423-10	Polyester	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 1	THT-6-423-10	Polyester	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 3	THT-106-423	Polyester	White	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 2	THT-15-423-2.5	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-17-423-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 11	THT-23-423-2	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.375 (34.9)	2.450 (62.2)	1	2,000	R6000
Fig. 2	THT-48-423-10	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000
Fig. 2	THT-53-423-3	Polyester	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-79-423-10	Polyester	White	2.000 (50.8)	0.400 (10.2)	-	0.500 (12.7)	2.200 (55.9)	1	10,000	R6000
Fig. 2	THT-142-423-2.5	Polyester	White	2.500 (63.5)	0.200 (5.1)	-	0.300 (7.6)	2.700 (68.6)	1	2,500	R6002
Fig. 11	THT-24-423-1	Polyester	White	2.750 (69.9)	1.750 (44.5)	-	3.200 (81.3)	-	1	1,000	R6002
Fig. 2	THT-7-423-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-16-423-2.5	Polyester	White	3.000 (76.2)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	1	2,500	R6002
Fig. 2	THT-18-423-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-423-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-423	Polyester	White	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-423	Polyester	White	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007
Fig. 2	THT-161-423-1	Polyester	White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	1,000	R6007
Fig. 2	THT-55-423-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007
<b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 1	THT-5-423-5-SC	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-15-423-2.5-SC	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	2,500	R6013
Fig. 2	THT-17-423-1.5-SC	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-423-1.5-SC	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

# THT Labels: General Identification

www.BradyID.com

## 3" Core General ID Labels:

### B-424 Paper Labels

Color: White Finish: Matte

White paper label with matte finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labeling applications.

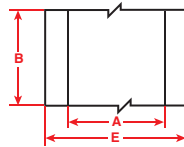
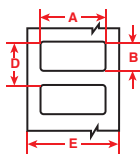


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-17-424-3	Paper	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-424-3	Paper	White	2.000 (50.8)	0.500 (12.7)	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-166-424-2	Paper	White	2.500 (63.5)	1.250 (31.8)	1.375 (34.9)	2.700 (68.6)	1	2,000	R4300
Fig. 2	THT-7-424-3	Paper	White	2.750 (69.9)	1.250 (31.8)	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-424-3	Paper	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-424-1	Paper	White	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 2	THT-20-424-1	Paper	White	3.000 (76.2)	5.000 (127.0)	5.125 (130.2)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-424	Paper	White	3.000 (76.2)	300 ft. (91.4 m)	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300
Fig. 2	THT-25-424-1	Paper	White	4.000 (101.6)	6.000 (152.4)	6.125 (155.6)	4.200 (106.7)	1	1,000	R4307
Fig. 2	THT-55-424-1	Paper	White	4.000 (101.6)	2.000 (50.8)	2.125 (54.0)	4.200 (106.7)	1	1,000	R4307
<b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.										
Fig. 2	THT-17-424-1.5-SC	Paper	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-424-1.5-SC	Paper	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313

## 3" Core General ID Labels:

### B-425 Polypropylene Labels

Color: White Finish: Matte

White polypropylene label stock with matte/opaque finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.

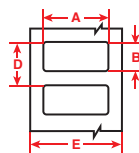
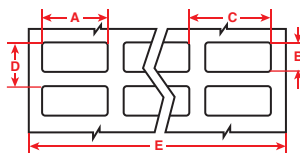


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-425-10	Polypropylene	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-17-425-3	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-7-425-3	Polypropylene	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-425-3	Polypropylene	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-425-1	Polypropylene	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 2	THT-20-425-1	Polypropylene	White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.2)	3.200 (81.3)	1	1,000	R4300
Fig. 2	THT-55-425-1	Polypropylene	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R4307
Fig. 2	THT-76-425-1	Polypropylene	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R4307
<b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 2	THT-17-425-1.5-SC	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-425-1.5-SC	Polypropylene	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6213

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# THT Labels: General Identification

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3" Core General ID Labels:

## B-430 Polyester Labels

Color: Clear Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Non-colored label with permanent adhesive. Good for general purpose thermal transfer printing.

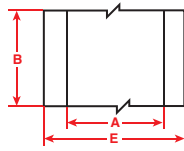


Figure 3

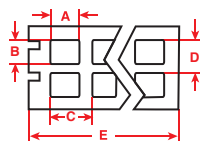


Figure 6

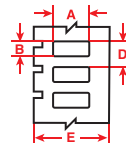


Figure 9



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 6	THT-149-430-10	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	10,000	R6002
Fig. 6	THT-39-430-10	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.350 (85.1)	3	10,000	R6007
Fig. 9	THT-17-430-3	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 9	THT-18-430-3	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 9	THT-19-430-1	Polyester	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-430	Polyester	Clear	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
<b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 9	THT-17-430-1.5-SC	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 9	THT-18-430-1.5-SC	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

3" Core General ID Labels:

## B-432 Polyester Labels

Color: Clear Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.

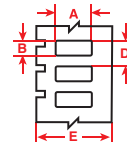


Figure 9



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 9	THT-19-432-1	Polyester	Clear	3.000 (76.2)	2.000 (50.8)	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002

3" Core General ID Labels:

## B-433 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label with glossy finish and removable adhesive. Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and that can be cleanly removed.

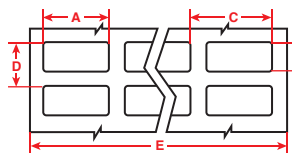


Figure 1

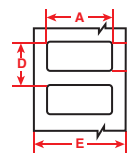


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-433-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-433-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-17-433-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-433-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6007
Fig. 2	THT-19-433-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6007
<b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 2	THT-59-433-2.5-SC	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R6013
Fig. 2	THT-17-433-1.5-SC	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013

# THT Labels: General Identification

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## 3" Core General ID Labels:

### B-439 Vinyl Labels

Color: Various Finish: Matte

Colored vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labeling. Available in white, silver, gold, purple, yellow, orange, green, light blue and black.

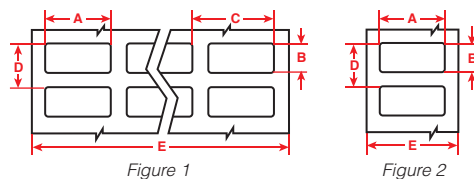


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 3	THT-106-439	Vinyl	White	2.000 (50.8)	300 ft. (91.4 m)	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 3	THT-21-439	Vinyl	White	3.000 (76.2)	300 ft. (91.4 m)	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-439	Vinyl	White	4.000 (101.6)	300 ft. (91.4 m)	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007

## 3" Core General ID Labels:

### B-449 Polypropylene Labels

Color: White Finish: Matte

White polypropylene label stock with matte/opaque finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance. Not recommended for long-term outdoor use.

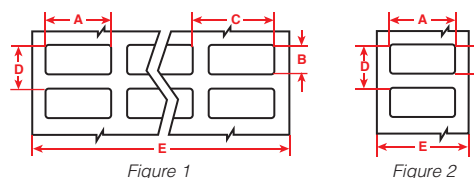


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-449-10	Polypropylene	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6207
Fig. 1	THT-13-449-10	Polypropylene	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R6202
Fig. 1	THT-6-449-3	Polypropylene	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	3,000	R6207
Fig. 2	THT-17-449-3	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6200
Fig. 2	THT-18-449-3	Polypropylene	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6202
Fig. 2	THT-19-449-1	Polypropylene	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6202
Fig. 2	THT-55-449-1	Polypropylene	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6207
Fig. 2	THT-76-449-1	Polypropylene	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R6207
<b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 1	THT-6-449-1.5-SC	Polypropylene	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.150 (82.04)	2	1,500	R4313
Fig. 2	THT-17-449-1.5-SC	Polypropylene	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313

## 3" Core General ID Labels:

### B-459 Polyester Labels

Color: White Finish: Matte

White polyester thermal transfer label with matte finish. Designed for applications such as topside of printed circuit boards and rating plates that utilize high quality/density alphanumeric, barcodes and graphics.

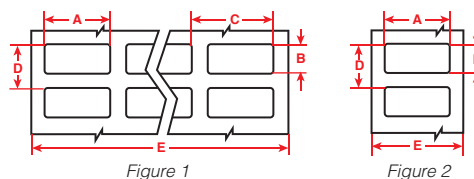


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-14-459-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 1	THT-1-459-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-5-459-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-19-459-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6007

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

1-888-272-3946 | www.BradyID.com

# THT Labels: General Identification

www.BradyID.com

3" Core General ID Labels:

## B-483 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.

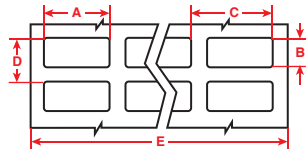


Figure 1

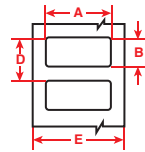


Figure 2

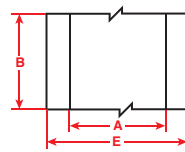


Figure 3



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-483-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-483-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-37-483-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 3	THT-106-483	Polyester	White	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 2	THT-17-483-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-483-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-483-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-483-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-483	Polyester	White	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-483	Polyester	White	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007
Fig. 2	THT-161-483-1	Polyester	White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	1,000	R6007
Fig. 2	THT-55-483-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007
Fig. 2	THT-76-483-1	Polyester	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R6007
<p><b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-5-483-5-SC	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-17-483-1.5-SC	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-483-1.5-SC	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

3" Core General ID Labels:

## B-484 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label is similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.

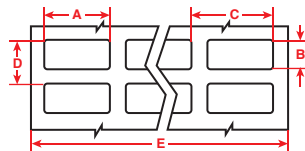


Figure 1

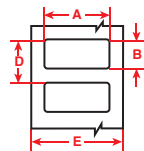


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-484-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-17-484-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-484-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-55-484-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007

# THT Labels: General Identification

www.BradyID.com

## 3" Core General ID Labels:

### B-488 Polyester Labels

Color: White Finish: Matte

White polyester thermal transfer label with matte finish. Ideal for component identification, barcoding, and asset and inventory tracking. A matte version of B-423.

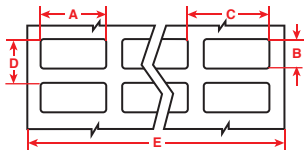


Figure 1

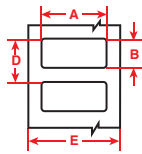


Figure 2

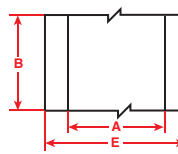


Figure 3



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-14-488-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 1	THT-140-488-3	Polyester	White	0.750 (19.1)	0.900 (22.9)	1.000 (25.4)	0.875 (22.2)	2.100 (53.3)	2	3,000	R4302
Fig. 1	THT-1-488-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-141-488-3	Polyester	White	0.900 (22.9)	0.900 (22.9)	1.000 (25.4)	1.000 (25.4)	2.100 (53.3)	2	3,000	R4302
Fig. 2	THT-164-488-1	Polyester	White	0.900 (22.9)	0.900 (22.9)	-	1.000 (25.4)	1.100 (27.9)	1	1,000	R4306
Fig. 1	THT-2-488-10	Polyester	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-5-488-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-15-488-2.5	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R4302
Fig. 2	THT-17-488-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-18-488-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-488-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
<p><b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-140-488-1.5-SC	Polyester	White	0.750 (19.1)	0.900 (22.9)	1.000 (25.4)	0.875 (22.2)	2.100 (53.3)	2	1,500	R4313
Fig. 2	THT-164-488-1-SC	Polyester	White	0.900 (22.9)	0.900 (22.9)	-	1.000 (25.4)	1.100 (27.9)	1	1,000	R4313
Fig. 2	THT-59-488-2.5-SC	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R4313

## 3" Core General ID Labels:

### B-489 Polyester Labels

Color: White Finish: Matte

White polyester thermal transfer label with matte finish and aggressive adhesive. Specifically designed for powder coated surfaces. A matte version of B-483.

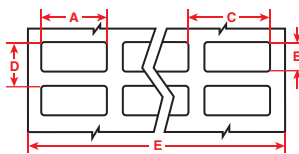


Figure 1

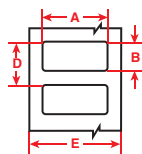


Figure 2

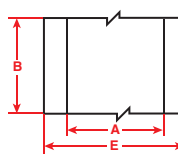


Figure 3



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-489-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-37-489-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 2	THT-17-489-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-7-489-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-489-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-489-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-489	Polyester	White	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300
Fig. 2	THT-55-489-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R4307
Fig. 2	THT-76-489-1	Polyester	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R4307

# THT Labels: General Identification

www.BradyID.com

## 3" Core General ID Labels:

### B-498 Repositionable Vinyl Cloth Labels

Color: White Finish: Semi-Gloss

Repositionable vinyl cloth label for wire, cable, and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

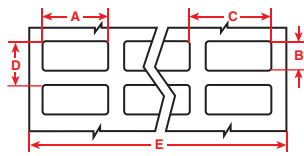


Figure 1

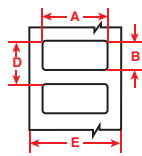


Figure 2

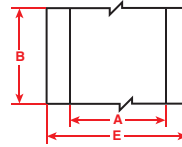


Figure 3

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 3	THT-94-498-2	Vinyl Cloth	White	0.240 (6.1)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R6206
Fig. 1	THT-90-498-5	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	5,000	R6200
Fig. 3	THT-93-498-2	Vinyl Cloth	White	0.318 (8.1)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R6206
Fig. 3	THT-92-498-2	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R6206
Fig. 1	THT-68-498-10	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	R6202
Fig. 1	THT-87-498-5	Vinyl Cloth	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	5,000	R6207
Fig. 1	THT-14-498-10	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6202
Fig. 1	THT-1-498-10	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6207
Fig. 1	THT-91-498-5	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	5,000	R6207
Fig. 1	THT-95-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	5,000	R6202
Fig. 1	THT-165-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	R6207
Fig. 1	THT-5-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6207
Fig. 2	THT-59-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6206
Fig. 1	THT-88-498-5	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	5,000	R6200
Fig. 1	THT-89-498-5	Vinyl Cloth	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	5,000	R6207
Fig. 2	THT-199-498-3	Vinyl Cloth	White	1.050 (28.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R6206
Fig. 2	THT-17-498-3	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6200
<p><b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-90-498-2.5-SC	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	R6213
Fig. 3	THT-92-498-SC	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R6213
Fig. 1	THT-68-498-5-SC	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	5,000	R6213
Fig. 1	THT-14-498-5-SC	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	5,000	R6213
Fig. 1	THT-1-498-5-SC	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R6213
Fig. 1	THT-91-498-2.5-SC	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	2,500	R6213
Fig. 1	THT-165-498-2.5-SC	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	R6213
Fig. 1	THT-95-498-2.5-SC	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2,500	R6213
Fig. 1	THT-88-498-2.5-SC	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	R6213
Fig. 2	THT-199-498-3-SC	Vinyl Cloth	White	1.050 (28.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R6213
Fig. 2	THT-17-498-1.5-SC	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6213

# THT Labels: General Identification

www.BradyID.com

## 3" Core General ID Labels

### B-8423 BradyBond™ Polyester Labels

Color: White Finish: Satin

White polyester label with satin finish. An economical alternative to B-423. Ideal for general purpose labeling and rating plate applications using high quality barcoding and graphics. Can be used for solar panel identification and post process labeling on printed circuit boards.

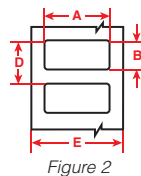


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	XTHT-17-8423-5	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	5,000	R6200
Fig. 2	XTHT-18-8423-5	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	5,000	R6202
Fig. 2	XTHT-19-8423-3	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	3,000	R6202
Fig. 2	XTHT-55-8423-3	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	3,000	R6207

## 3" Core General ID Labels:

### B-8425 Polypropylene Labels

Color: White Finish: Gloss

White polypropylene label with glossy finish. An economical alternative to B-425. Designed for general purpose labeling, asset identification, rating plate and warning/instructional labeling.

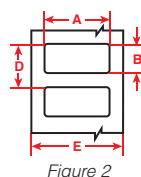


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	XTHT-18-8425-5	Polypropylene	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	5,000	R6002
Fig. 2	XTHT-20-8425-1	Polypropylene	White	3.000 (76.2)	5.000 (127.0)	-	5.125 (130.2)	3.200 (81.3)	1	1,000	R6202
Fig. 2	XTHT-76-8425-1	Polypropylene	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R6207

## Did You Know? Custom Label Offerings

Don't see a stock label in the size, configuration or color needed for your particular application?

Brady offers custom label capability for many of the materials in this catalog. Our dedicated, experienced custom quoting team can provide pricing for your unique label needs, including:

- Size
- Labels per row or roll
- Pre-printed messaging
- Logos or other images
- Colors (spot or CMYK)

Contact Brady Customer Service at 1-888-272-3946 for more information and to order your custom labels.



# THT Labels: Asset Tracking

www.BradyID.com

Benchtop Thermal Transfer Labels

Asset Tracking Labels



## Asset Tracking Labels

Ensure labels remain legible and scannable even in harsh environments.

Brady's line of asset tracking labels are designed to help businesses identify assets and property from tools and warehouse equipment to office furniture and computers.

Durable thermal transfer printable materials ensure that labels will stay in place and printed information and barcodes will remain legible and scannable even though subjected to harsh environments.

**! Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

Example:

THT-5-426-10

<p><b>Technology:</b> Thermal Transfer</p>	<p><b>Die Cut:</b> #5, 1.000" x 0.500"</p>	<p><b>Package Qty:</b> 10,000</p> <p><b>Material Number:</b> B-426, Amber, Polyimide</p>
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## Printer Compatibility

All asset tracking label parts shown on pages 96-101 are compatible with the following printers unless otherwise noted.

### Recommended Printers



**Bradyprinter™  
PR Plus Printers**  
*See Page 80*



**Brady IP™ Printer**  
*See Page 76*



**BBP®81 Label Printer**  
*See Page 78*



**BBP®11 Label Printer**  
*3" Core Label Rolls are compatible when used with Media Holder accessory. See Page 68*

## 3" Core Asset Tracking Labels:

### B-413 Metallic Colored Polyester Labels

**Color: Silver Metallic Finish: Matte**

A non-metallized, thermal transfer polyester label with a metallic-looking finish. Ideal for barcoded asset tracking and rating plate applications.

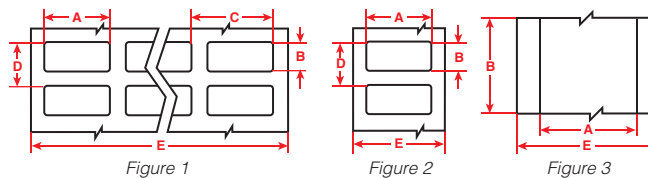


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-413-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6700
Fig. 1	THT-1-413-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6700
Fig. 1	THT-3-413-10	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6700
Fig. 1	THT-5-413-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6700
Fig. 1	THT-37-413-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6700
Fig. 1	THT-6-413-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6700
Fig. 3	THT-106-413	Polyester	Silver	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 2	THT-17-413-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-413-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-413-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-413-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-413-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-413	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-413	Polyester	Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007
Fig. 2	THT-55-413-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6207

### 3" Core Asset Tracking Labels:

## B-428 Polyester Labels

**Color: Silver Metallic**      **Finish: Matte**

Thermal transfer printable metallized polyester with matte finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.

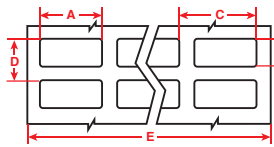


Figure 1

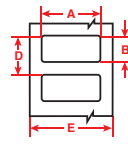


Figure 2

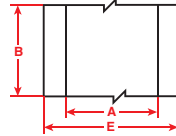


Figure 3

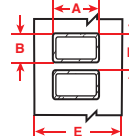


Figure 11

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-428-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-1-428-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-3-428-10	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-5-428-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 10	THT-22-428-2	Polyester	Silver	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.6)	3.350 (85.1)	2	2,000	R4300
Fig. 1	THT-37-428-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-6-428-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R4307
Fig. 3	THT-106-428	Polyester	Silver	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R4302
Fig. 2	THT-17-428-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-428-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 11	THT-23-428-2	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.375 (34.9)	2.450 (62.2)	1	2,000	R4302
Fig. 2	THT-7-428-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 11	THT-24-428-1	Polyester	Silver	2.750 (69.9)	1.750 (44.5)	-	3.200 (81.3)	-	1	1,000	R4300
Fig. 2	THT-18-428-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-428-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-428	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300
Fig. 3	THT-107-428	Polyester	Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R4307
Fig. 2	THT-55-428-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R4307
<p><b>NOTICE BBP11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-5-428-5-SC	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R4313
Fig. 2	THT-17-428-1.5-SC	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-428-1.5-SC	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313

### 3" Core Asset Tracking Labels:

## B-430 Polyester Labels

**Color: Clear**      **Finish: Gloss**

Translucent, high performance polyester material with a glossy finish. Non-colored label with permanent adhesive. Good for general purpose thermal transfer printing.

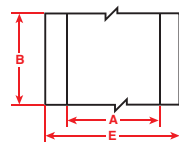


Figure 3

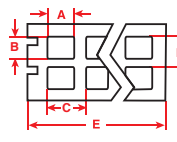


Figure 6

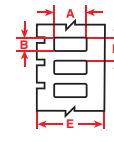


Figure 9



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 6	THT-149-430-10	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	10,000	R6002
Fig. 6	THT-39-430-10	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.350 (85.1)	3	10,000	R6007
Fig. 9	THT-17-430-3	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 9	THT-18-430-3	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 9	THT-19-430-1	Polyester	Clear	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-430	Polyester	Clear	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
<p><b>NOTICE BBP11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 9	THT-17-430-1.5-SC	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 9	THT-18-430-1.5-SC	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

# THT Labels: Asset Tracking

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3" Core Asset Tracking Labels:

## B-434 Polyester Labels

Color: Silver Metallic Finish: Gloss

Metallized polyester with a glossy finish and adhesive (2 mils) for rough surface applications. Withstands numerous solvents while maintaining excellent image quality.

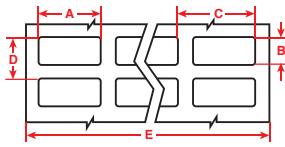


Figure 1

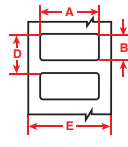


Figure 2

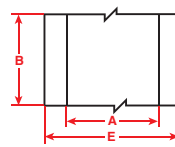


Figure 3



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-434-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-37-434-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-434-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-434-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-434-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-434-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-434	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 2	THT-55-434-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007

3" Core Asset Tracking Labels:

## B-435 Polyester Labels

Color: Silver Metallic Finish: Gloss

Printable metallized polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.

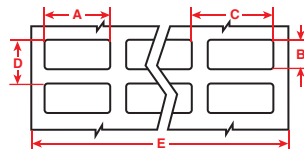


Figure 1

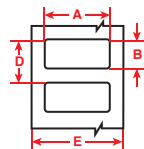


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-1-435-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-5-435-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-17-435-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-435-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-435-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 2	THT-55-435-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007



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# THT Labels: Asset Tracking

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Benchtop Thermal Transfer Labels

Asset Tracking Labels

## 3" Core Asset Tracking Labels:

### B-438 Checkerboard Footprint Polyester Labels

**Color: Silver Finish: Matte**

Metallized polyester label with matte finish. Leaves a checkerboard footprint on the surface when removed; pattern also appears on the top of the label to prevent reuse. Ideal for rating and serial plates or where evidence of label removal is desired.

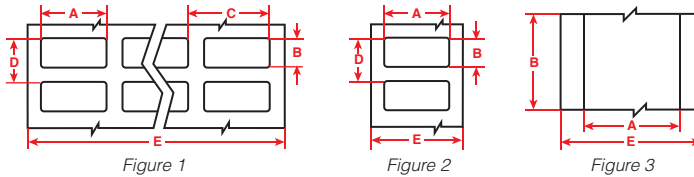


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-438-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-14-438-10	Polyester	Silver	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 1	THT-1-438-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-5-438-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-37-438-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-6-438-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R4307
Fig. 2	THT-17-438-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-438-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-7-438-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-438-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-438-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-438	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300

## 3" Core Asset Tracking Labels:

### B-480 Polyester Labels

**Color: Silver Metallic Finish: Matte**

Thermal transfer polyester label with metallic-looking finish (non-metallized) and aggressive adhesive for powder coats or rough surface applications. Ideal for barcoded asset tracking and rating plate applications.

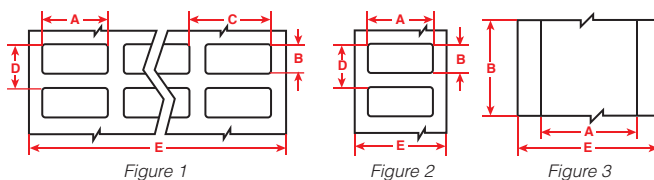


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-480-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 1	THT-1-480-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-3-480-10	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-5-480-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-37-480-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-480-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 3	THT-106-480	Polyester	Silver	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 2	THT-17-480-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-480-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-480-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-480-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-480-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-480	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-480	Polyester	Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007
Fig. 2	THT-55-480-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

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# THT Labels: Asset Tracking

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Benchtop Thermal Transfer Labels

## 3" Core Asset Tracking Labels:

### B-483 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.

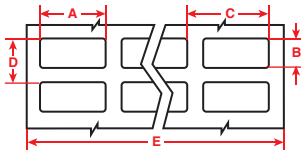


Figure 1

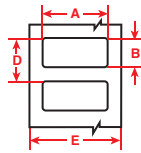


Figure 2

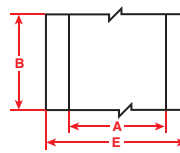


Figure 3



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-483-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-483-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-37-483-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 3	THT-106-483	Polyester	White	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R6000
Fig. 2	THT-17-483-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-483-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-483-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-483-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-483	Polyester	White	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R6002
Fig. 3	THT-107-483	Polyester	White	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R6007
Fig. 2	THT-161-483-1	Polyester	White	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	1,000	R6007
Fig. 2	THT-55-483-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007
Fig. 2	THT-76-483-1	Polyester	White	4.000 (101.6)	3.000 (76.2)	-	3.125 (79.4)	4.200 (106.7)	1	1,000	R6007
<p><b>NOTICE BBP11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-5-483-5-SC	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R6013
Fig. 2	THT-17-483-1.5-SC	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R6013
Fig. 2	THT-18-483-1.5-SC	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R6013

Asset Tracking Labels

## 3" Core Asset Tracking Labels:

### B-484 Polyester Labels

Color: White Finish: Gloss

White polyester thermal transfer label is similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.

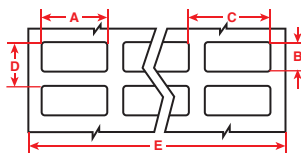


Figure 1

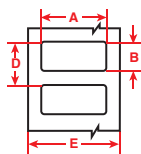


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-484-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-17-484-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-484-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-55-484-1	Polyester	White	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007

# THT Labels: Asset Tracking

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## 3" Core Asset Tracking Labels:

### B-486 Polyester Labels

Color: Silver Metallic Finish: Matte

Thermal transfer printable metallized polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics. Withstands numerous solvents and variable temperatures.

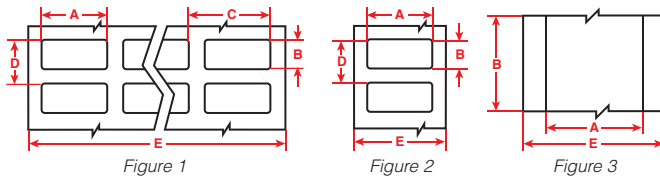


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-486-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-59-486-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R4306
Fig. 1	THT-37-486-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-6-486-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R4307
Fig. 3	THT-106-486	Polyester	White	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 Roll Cont.	R4302
Fig. 2	THT-17-486-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-486-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-7-486-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-486-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-486-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-486	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300
Fig. 3	THT-107-486	Polyester	Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 Roll Cont.	R4307
Fig. 2	THT-161-486-1	Polyester	Silver	4.000 (101.6)	4.000 (101.6)	-	4.125 (104.8)	4.200 (106.7)	1	1,000	R4307
<b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 1	THT-5-486-5-SC	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	5,000	R4313
Fig. 2	THT-17-486-1.5-SC	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313
Fig. 2	THT-18-486-1.5-SC	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	1,500	R4313

Benchtop Thermal Transfer Labels

Asset Tracking Labels

## Did You Know? Asset tracking with CodeSoft™ Labeling Software & Bar Code Readers

Brady offers a complete asset tracking solution with the addition of CodeSoft™ Labeling Software and bar code readers.

- Design and print custom labels for product ID and tracking
- Print a wide range of labels that include bar codes, print text and graphic images.
- Data collection solutions from basic 1D/2D bar code scanners up to fully-integrated Data Matrix Verifiers

For more information on CodeSoft Software and bar code readers, view page 10 and page 12.



# THT Labels: PermaSleeve® Wire Marking Sleeves

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Benchtop Thermal Transfer Labels

PermaSleeve Wire Marking Sleeves



## Printer Compatibility

Printer compatibility for PermaSleeve® Wire Marking Sleeves varies by part number. Please see pages 104-129 to find complete printer compatibility for each PermaSleeve® Wire Marking Sleeve.

## PermaSleeve® Wire Marking Sleeves

### Permanent Heat Shrink Wire Identification.

Brady's non-adhesive, printable heat shrink wire marking sleeves fit snugly around wires or cables for maximum insulation protection and permanent identification. Brady's heat shrink sleeving is a full-circle design that provides fast and permanent wire marking. Clear, legible text can be printed on the wire and cable sleeving with a Brady printer for reliable wire identification.

Brady heat shrink sleeving materials excel in extreme environments, including temperature fluctuations and environments that require abrasion and chemical resistance. Brady offers a variety of materials available to print using thermal transfer and dot matrix printers.

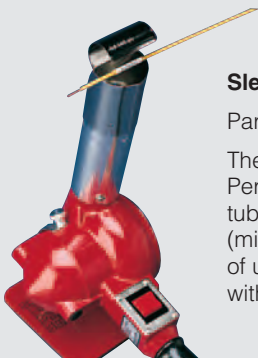


### PermaSleeve® Heat Shrinkable Wire Marking Sleeves Comparison Guide

Use the following table to help determine which PermaSleeve® Heat-Shrinkable Wire Marking Sleeves are right for your application. Then reference the following pages for more information and all available part numbers.

Material	Product Category	Product Name Prefix	Adhesive Tape Color	Available Label Colors*	Liner Platform	Shrink Ratio
<b>B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves</b> <i>(see page 104)</i>	Industrial/Military Grade	PS: Single-Sided 3PS: Double-Sided <i>Example: 3PS-187-2-WT</i>	Blue	Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	3:1
<b>B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves</b> <i>(see page 110)</i>	High-Temperature	2HT: Double-Sided <i>Example: 2HT-187-2-WT-S</i>	Yellow	Black, Blue, Pink, White, Yellow	Durable Paper Cardstock Liner	2:1 (3:1 for 3/8")
<b>B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves</b> <i>(see page 112)</i>	Zero-Halogen	ZH: Single-Sided 2ZH: Double-Sided <i>Example: 2ZH-187-2-WT</i>	Clear	Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	2:1
<b>B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves</b> <i>(see page 120)</i>	Industrial/Military Grade	HX: Single-Sided 2HX: Double-Sided <i>Example: 2HX-187-2-WT</i>	Red	Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	2:1

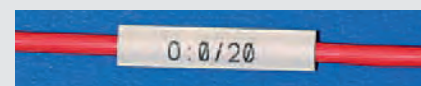
\*Some colors available only as special order.



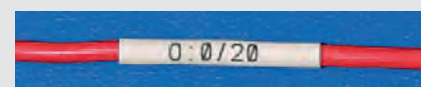
### Sleeve Heat Gun

Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve Wire Marking Sleeves or heat-shrinkable tubing. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C)) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Before heat shrink



After heat shrink



## How to Select a Wire Marker

There are four main questions to ask yourself when you're starting the process of marking wires. These questions will help you select a wire marker that best suits your needs.

### 1. Are you marking the wire after termination?

Sleeve markers can only be used before termination because they must be slipped over the open end of the wire. These non-adhesive markers provide flexibility as they can be moved prior to being heat-shrunk. Once shrunk, these markers fit snugly around wires for permanent identification which will stand up to harsh environments.

### 2. What gauge wire are you marking?

The size of the wire determines the diameter of the sleeve or the height of the label to be used.

### 3. Will you print your own markers or purchase preprinted ones?

Preprinted markers are available in a large variety of stock legends, and custom legends are available for any large jobs. These markers come in a variety of packaging and formats for ease of use and ease of transport. They are ideal for any application.

Printable markers are meant to be printed with variable legends as needed. Various methods for this include: portable wire marking printers or computer software linked to thermal transfer, dot matrix, laser or ink-jet printers. An extensive array of sizes are available for every application. These printable markers offer the flexibility of printing legends on demand. They are also ideal for applications that require long legends.

### 4. In what type of environment will these wire markers be placed?

It is extremely important to select a wire marker material that will last for your application. Too many companies go to the trouble of marking only to have to do it all again because they did not select the correct material. Be sure to ask yourself these questions before you select your wire marker:

- Does it need to withstand contact with oil, water, chemicals or solvents?
- Are there self-extinguishing properties or requirements?
- Will the marking be exposed to high temperatures?
- Any industry or special specification requirements?
- Should it withstand dirt and environmental factors?

## How to Select a Marker Size

Brady offers a variety of marker sizes for your wire marking needs. Please view the charts listed below to assist you in choosing the minimum recommended label height for your specific type of wire or cable that you are identifying.

Size AWG.	O.D. mm (inch)	Circumference mm (inch)	Minimum Recommended Label Height mm (inch)
<b>Type THW Wire O.D.</b>			
18	0.108 (2.74)	2.64 (0.34)	12.70 (0.500)
16	0.118 (3.00)	9.42 (0.37)	12.70 (0.500)
14	4.11 (0.162)	12.91 (0.51)	19.05 (0.750)
12	4.55 (0.179)	14.29 (0.56)	25.40 (1.000)
10	5.05 (0.199)	15.86 (0.63)	25.40 (1.000)
8	7.01 (0.276)	22.01 (0.87)	38.10 (1.500)
6	8.20 (0.323)	25.75 (1.02)	38.10 (1.500)
4	9.45 (0.372)	29.67 (1.17)	44.45 (1.750)
3	10.19 (0.401)	32.00 (1.26)	50.80 (2.000)
2	11.00 (0.433)	34.54 (1.36)	50.80 (2.000)
1	12.90 (0.508)	40.51 (1.60)	63.50 (2.500)
1/0	13.95 (0.549)	43.80 (1.72)	63.50 (2.500)
2/0	15.11 (0.595)	47.45 (1.87)	76.20 (3.000)
3/0	16.43 (0.647)	51.59 (2.03)	76.20 (3.000)
4/0	17.91 (0.705)	56.24 (2.21)	88.90 (3.500)
<b>Type THHN Wire O.D.</b>			
18	2.26 (0.089)	7.10 (0.28)	12.70 (0.500)
16	2.54 (0.100)	7.98 (0.31)	12.70 (0.500)
14	2.67 (0.105)	8.38 (0.33)	12.70 (0.500)
12	3.10 (0.122)	9.73 (0.38)	12.70 (0.500)
10	3.89 (0.153)	12.21 (0.48)	19.05 (0.750)
8	5.54 (0.218)	17.40 (0.68)	25.40 (1.000)
6	6.53 (0.257)	20.50 (0.81)	31.75 (1.250)
4	8.33 (0.328)	26.16 (1.03)	38.10 (1.500)
3	9.04 (0.356)	28.39 (1.12)	44.45 (1.750)
2	9.86 (0.388)	30.96 (1.22)	50.80 (2.000)
1	11.43 (0.450)	35.89 (1.41)	57.15 (2.250)
1/0	12.47 (0.491)	36.16 (1.54)	63.50 (2.500)
2/0	13.64 (0.537)	42.83 (1.69)	63.50 (2.500)
3/0	14.94 (0.588)	46.91 (1.85)	69.85 (2.750)
4/0	16.41 (0.646)	51.53 (2.03)	76.20 (3.000)
<b>Type PVC Wire O.D.</b>			
22	1.57 (0.062)	4.93 (0.19)	7.62 (0.300)
20	1.75 (0.069)	5.50 (0.22)	7.62 (0.300)
18	2.00 (0.079)	6.28 (0.25)	12.70 (0.500)
16	2.34 (0.092)	7.53 (0.29)	12.70 (0.500)
14	3.50 (0.138)	10.99 (0.43)	19.05 (0.750)
12	4.01 (0.158)	12.59 (0.50)	19.05 (0.750)
10	4.65 (0.183)	14.60 (0.57)	25.40 (1.000)
8	6.35 (0.250)	19.94 (0.79)	31.75 (1.250)
<b>Type Teflon Wire O.D.</b>			
22	1.52 (0.060)	4.77 (0.19)	7.62 (0.300)
20	1.73 (0.068)	5.43 (0.21)	7.62 (0.300)
18	2.01 (0.079)	6.31 (0.25)	12.70 (0.500)
16	2.26 (0.089)	7.10 (0.28)	12.70 (0.500)



# THT Labels: PermaSleeve® Wire Marking Sleeves

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Benchtop Thermal Transfer Labels

## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection. These fade-resistant and flame retardant sleeves meet the following insulating material and physical property specifications:

- SAE-AMS-DTL-23053/5C (Class 1)
  - SAE-AS-81531
  - MIL-STD-202
  - RoHS Compliant
  - UL Recognized
- Tested per:**
- ASTM E162
  - ASTM E662



**! Find Your PermaSleeve Part Number:**

Assemble Your Own B-342 PermaSleeve® PS Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

### Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-342 PermaSleeve® PS Wire Marking Sleeve part number that meets your needs.

**Example Part Number:**

**3PS - 187 - 2 - WT - S - 4**

Product      Diameter      Width      Color      Roll Size      Pieces

Optional

**Create your own:**

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Product      Diameter      Width      Color      Roll Size      Pieces

#### Available options for B-342 PermaSleeve® PS Wire Marking Sleeves:

<p style="text-align: center; background-color: #0070C0; color: white; padding: 5px;"><b>Step 1: Choose Product Type</b></p> <p>PS = Single Sided Printing, B-342 3PS = Double Sided Printing, B-342</p>	<p style="text-align: center; background-color: #0070C0; color: white; padding: 5px;"><b>Step 4: Choose Your Color</b></p> <p>Standard Colors for PS and 3PS</p> <table style="width: 100%; border: none;"> <tr> <td>BK = Black</td> <td>GY = Gray</td> <td>VT = Violet</td> </tr> <tr> <td>BL = Blue</td> <td>OR = Orange</td> <td>WT = White</td> </tr> <tr> <td>BR = Brown</td> <td>PK = Pink</td> <td>YL = Yellow</td> </tr> <tr> <td>GR = Green</td> <td>RD = Red</td> <td></td> </tr> </table>	BK = Black	GY = Gray	VT = Violet	BL = Blue	OR = Orange	WT = White	BR = Brown	PK = Pink	YL = Yellow	GR = Green	RD = Red	
BK = Black	GY = Gray	VT = Violet											
BL = Blue	OR = Orange	WT = White											
BR = Brown	PK = Pink	YL = Yellow											
GR = Green	RD = Red												
<p style="text-align: center; background-color: #0070C0; color: white; padding: 5px;"><b>Step 2: Choose Diameter</b></p> <p>094 = 3/16" size fits wire diameter 0.023" - 0.080" and approx. wire gauge 28 to 20 125 = 1/8" size fits wire diameter 0.046" - 0.110" and approx. wire gauge 22 to 16 187 = 3/16" size fits wire diameter 0.062" - 0.150" and approx. wire gauge 20 to 10 250 = 1/4" size fits wire diameter 0.094" - 0.215" and approx. wire gauge 16 to 8 375 = 3/8" size fits wire diameter 0.125" - 0.320" and approx. wire gauge 12 to 4 500 = 1/2" size fits wire diameter 0.187" - 0.450" and approx. wire gauge 8 to 1 750 = 3/4" size fits wire diameter 0.250" - 0.700" and approx. wire gauge 6 to 4/0 1000 = 1" size fits wire diameter 0.333" - 0.950" and approx. wire gauge 2 to 0.950 dia. 1500 = 1 1/2" size fits wire diameter 0.500" - 1.400", wire gauge not applicable</p>	<p style="text-align: center; background-color: #D9534F; color: white; padding: 5px;"><b>Step 5 (optional): Choose Roll Size</b></p> <p>Note: If small size is desired, indicate by inserting "S" into Roll Size blank.</p> <table style="width: 100%; border: none;"> <tr> <td>If sleeve diameter is 094-250: Standard = 2,500      Small ("S") = 500</td> <td>If sleeve diameter is 500: Standard = 500      Small ("S") = 250</td> </tr> <tr> <td>If sleeve diameter is 375: Standard = 1,000      Small ("S") = 250</td> <td>If sleeve diameter is 750-1500: Standard=250      Small ("S") = 100</td> </tr> </table>	If sleeve diameter is 094-250: Standard = 2,500      Small ("S") = 500	If sleeve diameter is 500: Standard = 500      Small ("S") = 250	If sleeve diameter is 375: Standard = 1,000      Small ("S") = 250	If sleeve diameter is 750-1500: Standard=250      Small ("S") = 100								
If sleeve diameter is 094-250: Standard = 2,500      Small ("S") = 500	If sleeve diameter is 500: Standard = 500      Small ("S") = 250												
If sleeve diameter is 375: Standard = 1,000      Small ("S") = 250	If sleeve diameter is 750-1500: Standard=250      Small ("S") = 100												
<p style="text-align: center; background-color: #0070C0; color: white; padding: 5px;"><b>Step 3: Choose Sleeve Width</b></p> <p>150 = 1 1/2"      2 = 2"</p>	<p style="text-align: center; background-color: #D9534F; color: white; padding: 5px;"><b>Step 6 (optional): Choose Pieces Per Sleeve</b></p> <p>While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank. Example: PS-094-150-WT-2 This "2" means that this 1.500" sleeve is slit into two 0.750" pieces</p> <p>Available options: 2, 3, or 4 pieces.</p>												
<p><b>Recommended Ribbon Series:</b> R4300, R6600, R6700 (with black sleeves) Series</p> <p><b>Recommended Printer Series:</b> Bradyprinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer</p> <p><b>Software Compatibility:</b> LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software</p>													

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.  
Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

### Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
PS-094-150-WT	2,500	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-094-150-WT-**	2,500	--	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-150-WT-S	500	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-094-150-WT-S-**	500	--	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-150-WT	2,500	2,500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-125-150-WT-**	2,500	--	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-150-WT-S	500	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-125-150-WT-S-**	500	--	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-150-WT	2,500	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-187-150-WT-**	2,500	--	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-150-WT-S	500	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-187-150-WT-S-**	500	--	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-150-WT	2,500	2,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-250-150-WT-**	2,500	--	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-150-WT-S	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-250-150-WT-S-**	500	--	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-150-WT	1,000	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-375-150-WT-**	1,000	--	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-150-WT-S	250	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-375-150-WT-S-**	250	--	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-150-WT	500	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-500-150-WT-**	500	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-150-WT-S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-500-150-WT-S-**	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

#### \*Choosing Your PermaSleeve Color

While white is the standard color, you may special order your sleeves in the colors listed below. Replace WT with the abbreviation of the desired color.

Example: PS-094-150-WT-S becomes PS-094-150-RD-S

#### Standard Stock Colors:

WT = White

#### Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GR = Green PK = Pink  
 BL = Blue GY = Gray RD = Red  
 BR = Brown OR = Orange VT = Violet  
 YL = Yellow

#### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: PS-187-150-WT-S-\*\* becomes PS-187-150-WT-S-4

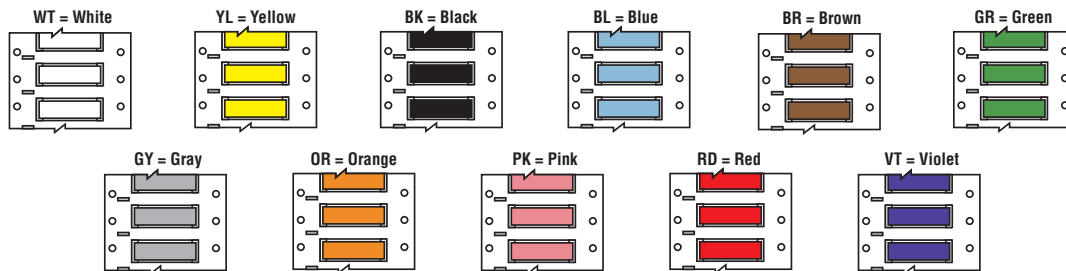
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

(Contact Brady Customer Service for availability)  
 2, 3 or 4 markers per sleeve



Note: White is standard. All other colors available as special order for the single-sided printable, 1.5" sleeve width.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

### Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
PS-094-2-WT	2,500	2,500	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-WT-*	2,500	--	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-2-WT-S	500	500	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-WT-S-*	2,500	--	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-2-*S	500	500	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-*S-*	2,500	--	28 to 20	0.023 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-WT	2,500	2,500	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-WT-*	2,500	--	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-WT-S	500	500	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-WT-S-*	500	--	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-*S	500	500	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-*S-*	500	--	22 to 16	0.046 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-WT	2,500	2,500	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-WT-*	2,500	--	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-WT-S	500	500	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-WT-S-*	500	--	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-*S	500	500	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-*S-*	500	--	20 to 10	0.062 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-WT	2,500	2,500	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-WT-*	2,500	--	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-WT-S	500	500	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-WT-S-*	500	--	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-*S	500	500	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-*S-*	500	--	16 to 8	0.094 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-WT	1,000	1,000	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-WT-*	1,000	--	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-WT-S	250	250	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-WT-S-*	250	--	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-*S	250	250	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-*S-*	250	--	12 to 4	0.125 (3.2)	- 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

B-342 PermaSleeve® PS Single-Sided 2" Width Wire Marking Sleeves continue on next page.

#### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeves PS 2" width sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: PS-094-2-\*S becomes PS-094-2-YL-S

#### Available Stock Colors:

BK = Black      GR = Green      PK = Pink      YL = Yellow  
 BL = Blue      GY = Gray      RD = Red      WT = White  
 BR = Brown      OR = Orange      VT = Violet

#### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

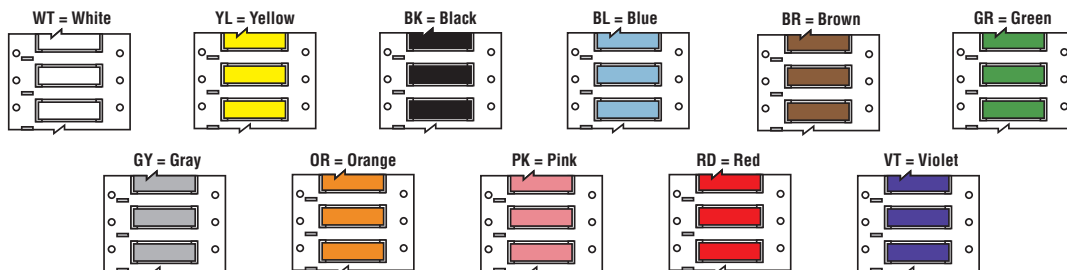
Example: PS-187-2-WT-S-\*\* becomes PS-187-2-WT-S-4  
 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

(Contact Brady Customer Service for availability)  
 2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
PS-500-2-WT	500	500	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-WT-**	500	--	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-2-WT-S	250	250	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-WT-S-**	250	--	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-2-*S	250	250	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-*S-**	250	--	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-WT	250	250	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-WT-**	250	--	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-WT-S	100	100	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-WT-S-**	100	--	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-*S	100	100	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-*S-**	100	--	6 to 4/0	0.250 (6.6)	0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-WT	250	250	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-**	250	--	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-S	100	100	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-S-**	100	--	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-*S	100	100	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-*S-**	100	--	2 to 0.950 dia.	0.333 (8.5)	0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-WT	250	250	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-**	250	--	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-S	100	100	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-S-**	100	--	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-*S	100	100	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-*S-**	100	--	N/A	0.500 (12.7)	1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

Benchtop Thermal Transfer Labels

PermaSleeve Wire Marking Sleeves

**\*Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeves PS 2" width sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.  
 Example: PS-094-2-\*S becomes PS-094-2-YL-S

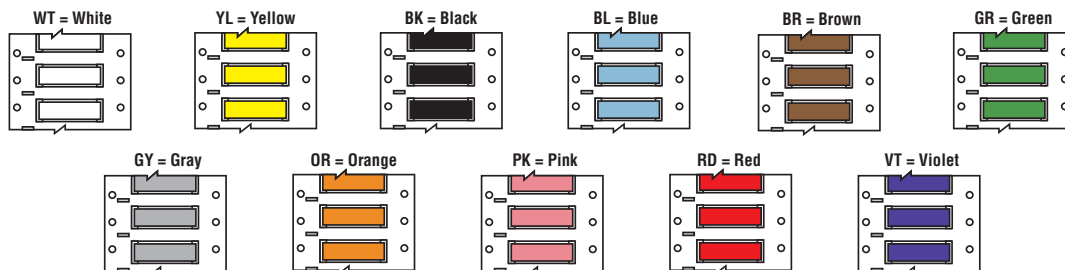
**Available Stock Colors:**

BK = Black	GR = Green	PK = Pink	YL = Yellow
BL = Blue	GY = Gray	RD = Red	WT = White
BR = Brown	OR = Orange	VT = Violet	

**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.  
 Example: PS-187-2-WT-S-\*\* becomes PS-187-2-WT-S-4  
 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
--	---



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

www.BradyID.com

## B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

### Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
3PS-094-2-WT	2,500	2,500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-**	2,500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-S	500	500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-S-**	500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-*S	500	500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-*S-**	500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT	2,500	2,500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-**	5,000	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-S	500	500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-S-**	500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-*S	500	500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-*S-**	500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT	2,500	2,500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-**	2,500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-S	500	500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-S-**	500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-*S	500	500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-*S-**	500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT	2,500	2,500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-**	5,000	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-S	500	500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-S-**	1,000	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-*S	500	500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-*S-**	1,000	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT	1,000	1,000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-**	2,000	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-S	250	250	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-S-**	250	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-*S	250	250	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-*S-**	1,000	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602

B-342 PermaSleeve® 3PS Double-Sided 2" Width Wire Marking Sleeves continue on next page.

#### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeves 3PS 2" width sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: 3PS-094-2-\*S becomes 3PS-094-2-YL-S

#### Available Stock Colors:

BK = Black      GR = Green      PK = Pink      YL = Yellow  
 BL = Blue      GY = Gray      RD = Red      WT = White  
 BR = Brown      OR = Orange      VT = Violet

#### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

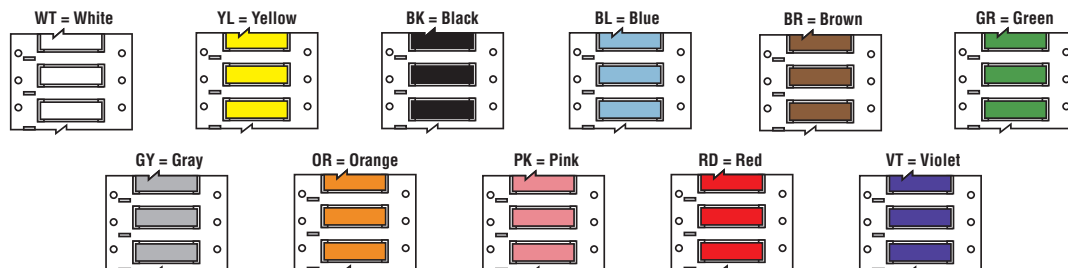
Example: 3PS-187-2-WT-S-\*\* becomes 3PS-187-2-WT-S-4  
 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

(Contact Brady Customer Service for availability)  
 2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

## B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
3PS-500-2-WT	500	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-**	500	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-S-**	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-*S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-*S-**	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT	250	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-**	250	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-S-**	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-*S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-*S-**	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT	250	250	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-**	250	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-S	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-S-**	100	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-*S	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-*S-**	100	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT	250	250	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-**	250	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-S-**	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-*S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-*S-**	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602

**\*Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeves 3PS 2" width sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: 3PS-094-2-\*S becomes 3PS-094-2-YL-S

**Available Stock Colors:**

BK = Black	GR = Green	PK = Pink	YL = Yellow
BL = Blue	GY = Gray	RD = Red	WT = White
BR = Brown	OR = Orange	VT = Violet	

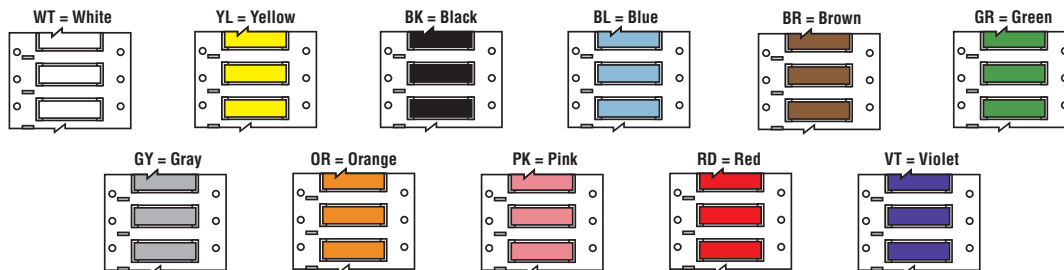
**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: 3PS-187-2-WT-S-\*\* becomes 3PS-187-2-WT-S-4

This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
--	---



### Did You Know? BBP®11 PermaSleeve Wire Marking Sleeves

Brady also offers a variety of wire marking sleeves on a 1" small core roll specifically designed to be printed with the BBP®11 Label Printer.

To view all BBP®11 PermaSleeve Wire Marking Sleeves, view page 73 or visit [www.BradyID.com](http://www.BradyID.com)



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.



# THT Labels: PermaSleeve® Wire Marking Sleeves

www.BradyID.com

## B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves or build your own part number on page 110.

### Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
3HT-094-2-WT-S	500	500	26 to 20	0.031 (0.6)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
3HT-094-2-*S	500	500	26 to 20	0.031 (0.6)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-125-2-WT-S	500	500	20 to 16	0.063 (1.2)	0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-125-2-*S	500	500	20 to 16	0.063 (1.2)	0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-187-2-WT-S	500	500	16 to 10	0.094 (1.6)	0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-187-2-*S	500	500	16 to 10	0.094 (1.6)	0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-250-2-WT-S	500	500	12 to 8	0.125 (2.4)	0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-250-2-*S	500	500	12 to 8	0.125 (2.4)	0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-375-2-WT-S	250	250	8 to 4	0.187 (3.2)	0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-375-2-*S	250	250	8 to 4	0.187 (3.2)	0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-500-2-WT-S	250	250	6 to 1	0.250 (4.8)	0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-500-2-*S	250	250	6 to 1	0.250 (4.8)	0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-750-2-WT-S	100	100	2 to 4/0	0.375 (6.6)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-750-2-*S	100	100	2 to 4/0	0.375 (6.6)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1000-2-WT-S	100	100	2/0 to 0.950 dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1000-2-*S	100	100	2/0 to 0.950 dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1500-2-WT-S	100	100	N/A	0.750 (12.7)	1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1500-2-*S	100	100	N/A	0.750 (12.7)	1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602

**\*Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeves HT 2" width sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.  
*Example: 2HT-094-2-\*S becomes 2HT-094-2-YL-S*

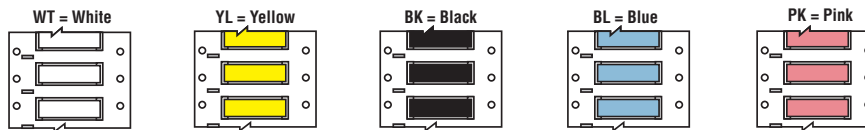
**Available Stock Colors:**  
 BK = Black      PK = Pink      WT = White  
 BL = Blue      YL = Yellow

**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.  
*Example: 2HT-187-2-WT-S-\*\* becomes 2HT-187-2-WT-S-4*  
 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

**Standard Option:**  
1 marker per sleeve

**Other Available Slit Options:**  
(Contact Brady Customer Service for availability)  
2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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Benchtop Thermal Transfer Labels

## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves

B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable, low halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission. These low-halogen materials meet the following industry specifications:

- |                  |                    |
|------------------|--------------------|
| • SAE-AS-81531   | <b>Tested per:</b> |
| • MIL-STD-202    | • ASTM E162        |
| • RoHS compliant | • ASTM E662        |



### Find Your PermaSleeve Part Number:

Assemble Your Own B-7641 PermaSleeve® ZH Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

## Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-7641 PermaSleeve® ZH Wire Marking Sleeve part number that meets your needs.

### Example Part Number:

**2ZH - 187 - 2 - WT - S - 4**  
 Product    Diameter    Width    Color    Roll Size    Pieces  
 Optional\*

### Create your own:

\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
 Product    Diameter    Width    Color    Roll Size    Pieces

### Available options for B-7641 PermaSleeve® ZH Wire Marking Sleeves:

#### Step 1: Choose Product Type

ZH = Single Sided Printing, B-7641  
 2ZH = Double Sided Printing, B-7641

#### Step 2: Choose Diameter

094 = 3/32" size fits wire diameter 0.047" - 0.080" and approx. wire gauge 24 to 20  
 125 = 1/8" size fits wire diameter 0.062" - 0.110" and approx. wire gauge 20 to 16  
 187 = 3/16" size fits wire diameter 0.094" - 0.151" and approx. wire gauge 16 to 10  
 250 = 1/4" size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8  
 375 = 3/8" size fits wire diameter 0.188" - 0.320" and approx. wire gauge 8 to 4  
 500 = 1/2" size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1  
 750 = 3/4" size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0  
 1000 = 1" size fits wire dia. 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950" dia.  
 1500 = 1 1/2" size fits wire diameter 0.750" - 1.400" and wire gauge not applicable  
 2000 = 2" size fits wire diameter 1.000" - 1.900" and wire gauge not applicable

#### Step 3: Choose Sleeve Width

150 = 1 1/2"      2 = 2"      3 = 3" (only available in 1000, 1500, & 2000 diameter parts)

#### Step 4: Choose Your Color

Standard Colors for ZH and 2ZH	Special Order Colors for 2ZH
BK = Black	BL = Blue
WT = White	BR = Brown
YL = Yellow	GR = Green
	GY = Gray
	OR = Orange
	RD = Red
	VT = Violet

#### Step 5 (optional): Choose Roll Size

Note: If small size is desired, indicate by inserting "S" into Roll Size blank.

If sleeve diameter is 094-187: Standard = 2,500    Small ("S") = 500	If sleeve diameter is 750-1500: Standard = 250    Small ("S") = 100
If sleeve diameter is 250-375: Standard = 1,000    Small ("S") = 250	If sleeve diameter is 2000: Standard = 100    Small ("S") = 50
If sleeve diameter is 500: Standard = 500    Small ("S") = 250	

#### Step 6 (optional): Choose Pieces Per Sleeve

While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.  
 Example: 2ZH-187-2-WT-S-4 This "4" means this 2,000" sleeve is slit into four 0.500" pieces  
 Available options: 2, 3, or 4 pieces.

**Recommended Ribbon Series:** R4300, R6400, R6600, 356126 Series

**Recommended Printer Series:** Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

PermaSleeve Wire Marking Sleeves

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

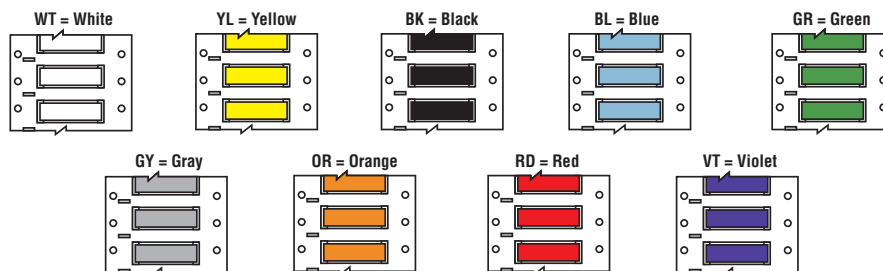
### Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-094-150-WT	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-WT-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-150-WT-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-YL	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-YL-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-150-YL-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-WT	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-WT-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-150-WT-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-YL	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-YL-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-150-YL-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-WT	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-WT-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-150-WT-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-YL	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-YL-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-150-YL-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-WT-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-150-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-YL	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-YL-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-150-YL-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602

B-7641 PermaSleeve® ZH Low Halogen Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color. Example: ZH-094-150-WT-S becomes ZH-094-150-RD-S	
<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black      GY = Gray      RD = Red BL = Blue      OR = Orange      VT = Violet GR = Green

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker. Example: ZH-187-150-WT-S-** becomes ZH-187-150-WT-S-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-375-150-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-WT-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-150-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-YL	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-YL-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-150-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-WT-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-150-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-YL	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-YL-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-150-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-WT-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-150-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-YL	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-YL-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-150-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-WT-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-150-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-YL-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-150-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-YL	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-YL	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602

**\*Choosing Your PermaSleeve Color**

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: ZH-094-150-WT-S becomes ZH-094-150-RD-S

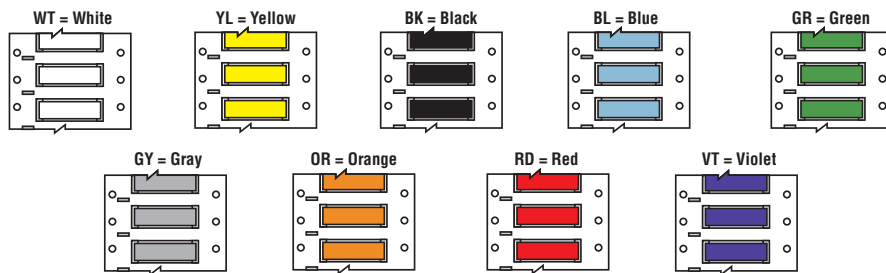
<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black    GY = Gray    RD = Red BL = Blue    OR = Orange    VT = Violet GR = Green
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**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: ZH-187-150-WT-S-\*\* becomes ZH-187-150-WT-S-4  
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
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Note: White and yellow are standard stock. All other colors available as special order.

Benchtop Thermal Transfer Labels

PermaSleeve Wire Marking Sleeves

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170. Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

www.BradyID.com

## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

### Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-2-WT-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-YL	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-YL-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-2-YL-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
<hr/>											
ZH-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-2-WT-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-YL	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-YL-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-2-YL-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
<hr/>											
ZH-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-2-WT-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-YL	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-YL-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-2-YL-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
<hr/>											
ZH-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-WT-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-2-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-YL	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-YL-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-2-YL-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602

B-7641 PermaSleeve® ZH Low Halogen Single-Sided 2" Width Wire Marking Sleeves continue on next page.

**\*Choosing Your PermaSleeve Color**

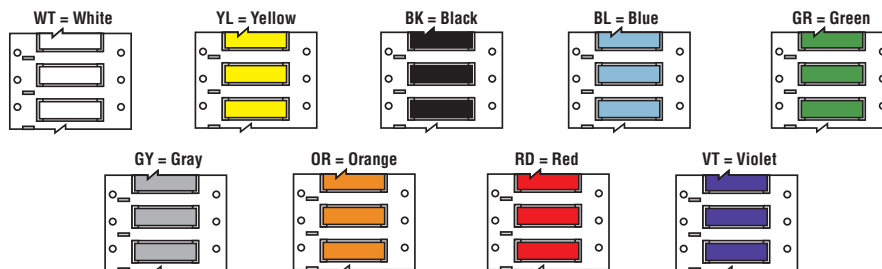
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.  
*Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S*

<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black      GY = Gray      RD = Red BL = Blue      OR = Orange      VT = Violet GR = Green
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**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.  
*Example: ZH-187-2-WT-S-\*\* becomes ZH-187-2-WT-S-4*  
 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Options:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
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Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-WT-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-2-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-YL	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-YL-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-2-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-WT-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-2-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-YL	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-YL-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-2-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-WT-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-YL	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-YL-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-WT-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-YL-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-YL	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-YL	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602

### \*Choosing Your PermaSleeve Color

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S

#### Standard Stock Colors:

WT = White  
YL = Yellow

#### Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black      GY = Gray      RD = Red  
BL = Blue      OR = Orange      VT = Violet  
GR = Green

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: ZH-187-2-WT-S-\*\* becomes ZH-187-2-WT-S-4

This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

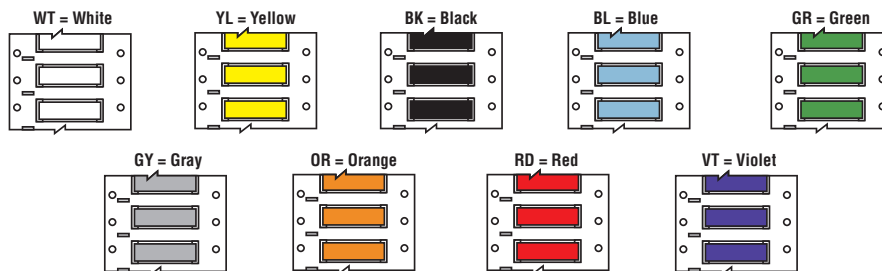
#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

(Contact Brady Customer Service for availability)

2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

www.BradyID.com

## B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

### Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
2ZH-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-WT-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

B-7641 PermaSleeve® 2ZH Low Halogen Single-Sided 2" Width Wire Marking Sleeves continue on next page.

**\*Choosing Your PermaSleeve Color**

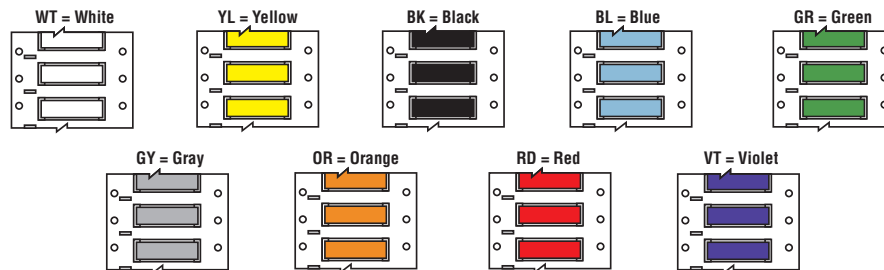
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.  
Example: 2ZH-094-2-WT-S becomes 2ZH-094-2-RD-S

<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black      GY = Gray      RD = Red BL = Blue      OR = Orange      VT = Violet GR = Green
--	---

**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.  
Example: 2ZH-187-2-WT-S-\*\* becomes 2ZH-187-2-WT-S-4  
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
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Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2ZH-500-2-WT	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-WT-**	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-WT-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL-**	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT-**	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL-**	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT-**	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL-**	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-WT-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-YL	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-YL-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-WT-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-YL	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-YL-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

Benchtop Thermal Transfer Labels

PermaSleeve Wire Marking Sleeves

**\*Choosing Your PermaSleeve Color**

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

*Example: 2ZH-094-2-WT-S becomes 2ZH-094-2-RD-S*

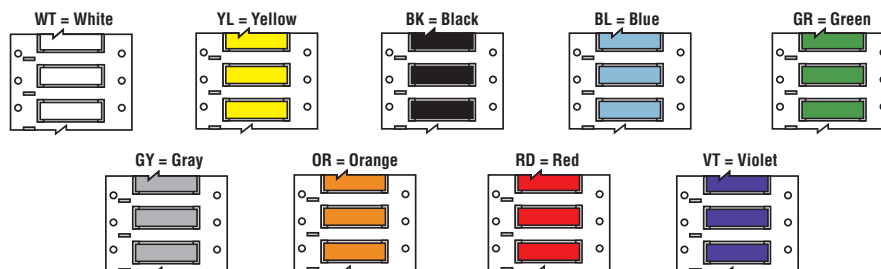
<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black      GY = Gray      RD = Red BL = Blue      OR = Orange      VT = Violet GR = Green
--	---

**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

*Example: 2ZH-187-2-WT-S-\*\* becomes 2ZH-187-2-WT-S-4*  
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
--	---



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

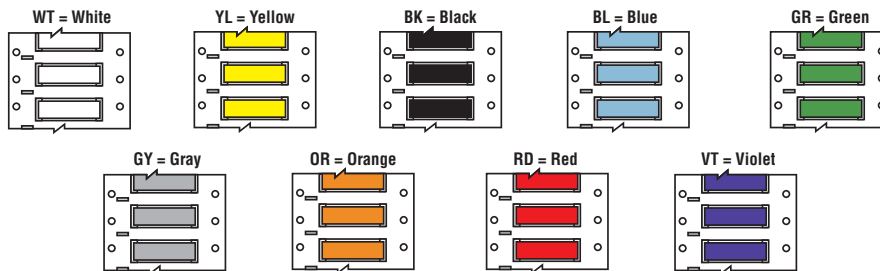
## B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing 3" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

### Single-Sided Printable, 3" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-1000-3-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1000-3-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1500-3-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1500-3-YL	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-2000-3-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-2000-3-YL	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.	
<i>Example: ZH-1000-3-WT becomes ZH-1000-3-RD</i>	
<b>Standard Stock Colors:</b> WT = White YL = Yellow	<b>Special Order Colors:</b> (Contact Brady Customer Service for availability) BK = Black      GY = Gray      RD = Red BL = Blue      OR = Orange      VT = Violet GR = Green



Note: White and yellow are standard stock. All other colors available as special order.



### Don't See What You Need?

Build your own B-7641 PermaSleeve® ZH Wire Marking Sleeves using the guide on page 112. Quickly and easily designate your product, diameter, color and more to get the perfect PermaSleeve Wire Marking Sleeve for your application.

Or contact Brady Customer Service to help you find the correct PermaSleeve® Wire Marking Sleeve for your job.



# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible.

These heat shrinkable wire marking sleeves meet the following industry specifications:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• SAE-AMS-DTL-23053/5 Class 1 &amp; 3</li> <li>• SAE-AS-81531</li> <li>• MIL-STD-202</li> <li>• RoHS compliant</li> </ul> | <p><b>Tested per:</b></p> <ul style="list-style-type: none"> <li>• ASTM E162</li> <li>• ASTM E662</li> </ul> |
|--|--|



### Find Your PermaSleeve Part Number:

Assemble Your Own B-7642 PermaSleeve HX Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

## Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-7642 PermaSleeve® HX Wire Marking Sleeve part number that meets your needs.

Example Part Number:

**2HX - 187 - 2 - WT - S - 4**

Product    Diameter    Width    Color    Roll Size    Pieces

*Optional\**

Create your own:

Product - Diameter - Width - Color - Roll Size - Pieces

### Available options for B-7642 PermaSleeve® HX Wire Marking Sleeve:

Step 1: Choose Product Type		Step 4: Choose Your Color			
HX = Single Sided Printing, B-7642 2HX = Double Sided Printing, B-7642		Standard Colors for HX and 2HX BK = Black    WT = White    YL = Yellow		Special Order Colors for 2HX BL = Blue    GR = Green    OR = Orange    RD = Red BR = Brown    GY = Gray    PK = Pink    VT = Violet	
Step 2: Choose Diameter		Step 5 (optional): Choose Roll Size			
094 = 3/32" size fits wire diameter 0.047" - 0.080" and approx. wire gauge 24 to 20 125 = 1/4" size fits wire diameter 0.062" - 0.110" and approx. wire gauge 20 to 16 187 = 3/16" size fits wire diameter 0.094" - 0.151" and approx. wire gauge 16 to 10 250 = 1/4" size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8 375 = 3/8" size fits wire diameter 0.188" - 0.320" and approx. wire gauge 8 to 4 500 = 1/2" size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1 750 = 3/4" size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0 1000 = 1" size fits wire dia. 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950" dia. 1500 = 1 1/2" size fits wire diameter 0.750" - 1.400" and wire gauge not applicable 2000 = 2" size fits wire diameter 1.000" - 1.900" and wire gauge not applicable		Note: If small or jumbo size is desired, indicate by inserting "S" or "J" into Roll Size blank. If sleeve diameter is 094-187:    If sleeve diameter is 500:    If sleeve diameter is 1500: Standard = 2,500    Standard = 500    Standard = 250 Small ("S") = 500    Small ("S") = 250    Small ("S") = 100 Jumbo ("J") = 10,000    Jumbo ("J") = 2,500    Jumbo ("J") = 1,000 If sleeve diameter is 250:    If sleeve diameter is 750-1000:    If sleeve diameter is 2000: Standard = 1,000    Standard = 250    Standard = 100 Small ("S") = 250    Small ("S") = 100    Small ("S") = 50 Jumbo ("J") = 7,500    Jumbo ("J") = 2,500    Jumbo ("J") = 1,000 If sleeve diameter is 375: Standard = 1,000 Small ("S") = 250 Jumbo ("J") = 2,500			
Step 3: Choose Sleeve Width		Step 6 (optional): Choose Pieces Per Sleeve			
150 = 1 1/2"    2 = 2"    3 = 3" (only available in 1000, 1500, & 2000 diameter parts)		While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank. Example: 2HX-187-2-WT-S-4 This "4" means this 2.000" sleeve is slit into four 0.500" pieces Available options: 2, 3, or 4 pieces.			

**Recommended Ribbon Series:** R4300, R6400, R6600, 356126 Series

**Recommended Printer Series:** Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer

**Software Compatibility:** LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

### Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-094-150-WT	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-*	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-WT-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-J	10,000	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-J-**	10,000	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-*J	10,000	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*J-**	10,000	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
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HX-125-150-WT	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-*	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-WT-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-J	10,000	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-J-**	10,000	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-*J	10,000	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*J-**	10,000	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
<hr/>											
HX-187-150-WT	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-*	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-WT-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-J	10,000	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-J-**	10,000	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-*J	10,000	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*J-**	10,000	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

#### \*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

##### Standard Stock Colors:

WT = White  
YL = Yellow  
BK = Black

##### Special Order Colors:

(Contact Brady Customer Service for availability)  
BK = Black    GY = Gray    RD = Red  
BL = Blue    OR = Orange    VT = Violet  
GR = Green

#### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

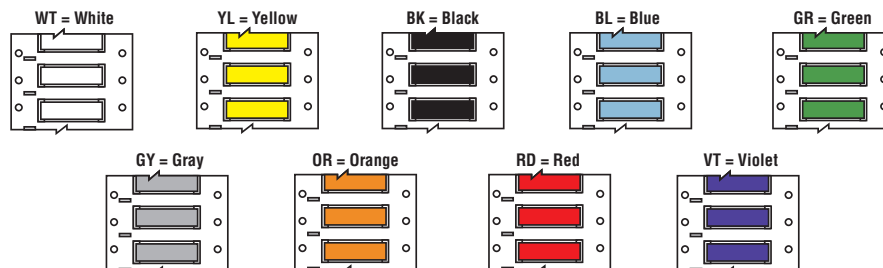
Example: HX-187-150-WT-\*\* becomes HX-187-150-WT-4  
This "4" means that this 2,000" sleeve is slit into four 0.500" pieces.

##### Standard Option:

1 marker per sleeve

##### Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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Benchtop Thermal Transfer Labels

## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-250-150-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-*	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-**-*	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-*-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-J-**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-**-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-**-J-**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-*	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-**-*	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-*-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-J-**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-**-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-**-J-**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-*	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-**-*	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-*-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-J-**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-**-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-**-J-**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

PermaSleeve Wire Marking Sleeves

### \*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

#### Standard Stock Colors:

WT = White  
YL = Yellow  
BK = Black

#### Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black    GY = Gray    RD = Red  
BL = Blue    OR = Orange    VT = Violet  
GR = Green

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-150-WT-\*\* becomes HX-187-150-WT-4

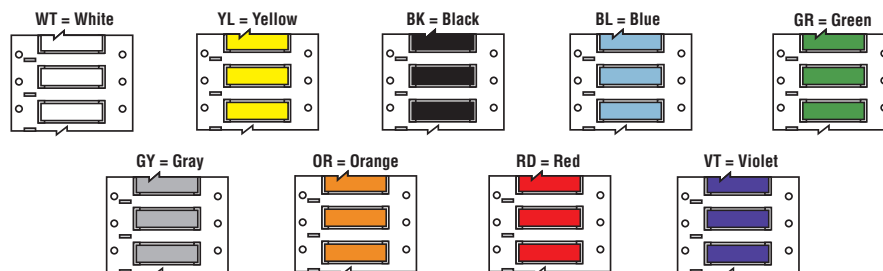
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-750-150-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-*	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-*-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-*S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-J-**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-*J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-*J-**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-1000-150-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-*	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-*-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-*S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-J-**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-*J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-*J-**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1500-150-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-*	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-*S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-WT-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-*J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-*	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-*S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-*J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602

### \*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

#### Standard Stock Colors:

WT = White  
YL = Yellow  
BK = Black

#### Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black    GY = Gray    RD = Red  
BL = Blue    OR = Orange    VT = Violet  
GR = Green

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-150-WT-\*\* becomes HX-187-150-WT-4

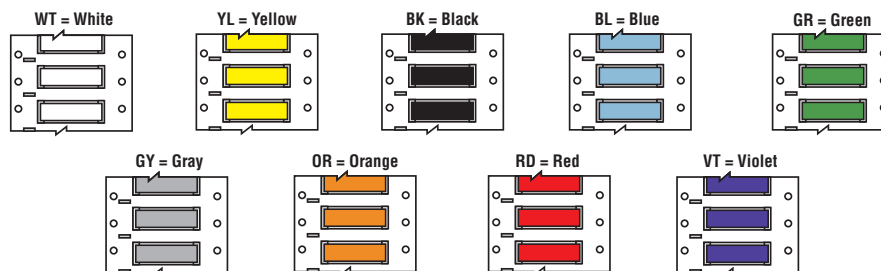
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

### Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-*	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-*	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-**-*	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-J-*	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-YL-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-YL-J-*	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-*	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-*	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-**-*	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-J-*	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-YL-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-YL-J-*	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-*	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-*	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-**-*	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-J-*	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-YL-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-YL-J-*	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

#### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: HX-094-2-\*\*-4 becomes HX-094-2-**RD**-4

#### Available Stock Colors:

BK = Black      GR = Green      RD = Red      YL = Yellow  
 BL = Blue      GY = Gray      VT = Violet      WT = White  
 BR = Brown      OR = Orange

#### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-\*\* becomes HX-187-2-WT-4

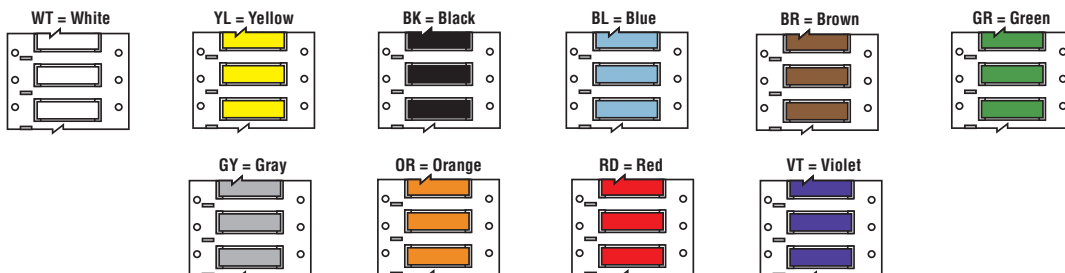
This "4" means that this 2,000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 125 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-*	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-*-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-YL-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-YL-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-YL-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-*	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-*-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT-J**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-YL-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-YL-J**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-*	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-*-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-YL-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-YL-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: HX-094-2-\*-\*4 becomes HX-094-2-RD-4

#### Available Stock Colors:

BK = Black      GR = Green      RD = Red      YL = Yellow  
 BL = Blue      GY = Gray      VT = Violet      WT = White  
 BR = Brown      OR = Orange

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-\*\* becomes HX-187-2-WT-4

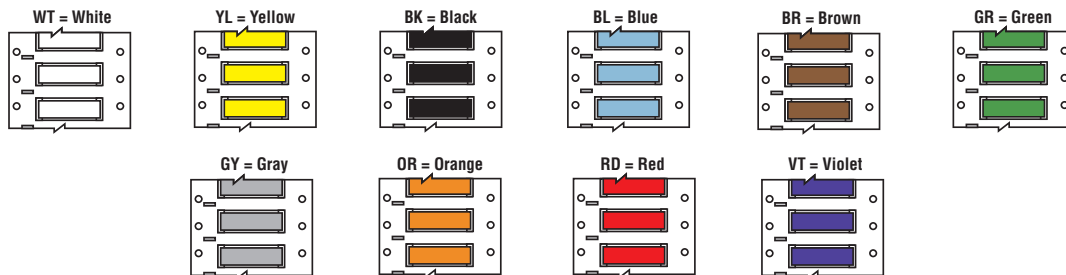
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-888-272-3946 | www.BradyID.com

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-750-2-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-*	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-***	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-YL-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-YL-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-*	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-***	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT-J**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-YL-J**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1500-2-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-*	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-WT-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-YL-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-*	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-YL-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602

### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: HX-094-2-\* -4 becomes HX-094-2-RD-4

#### Available Stock Colors:

BK = Black      GR = Green      RD = Red      YL = Yellow  
 BL = Blue      GY = Gray      VT = Violet      WT = White  
 BR = Brown      OR = Orange

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-\*\* becomes HX-187-2-WT-4

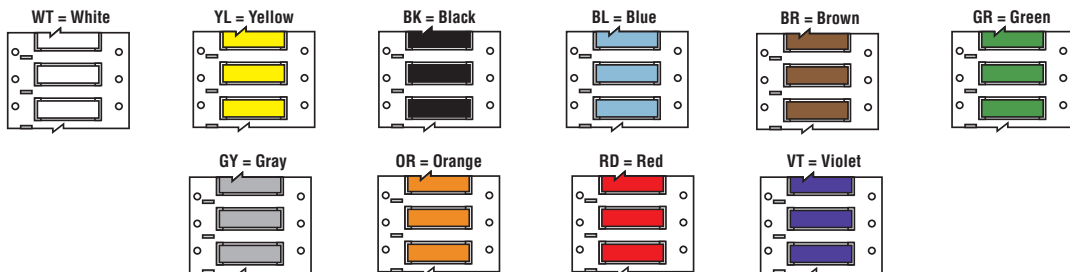
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



### Don't See What You Need?

Build your own PermaSleeve® Wire Marker using the guide on page 120. Quickly and easily designate your product, diameter, color and more to get the perfect PermaSleeve Wire Marker for your application!

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

### Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
2HX-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-*	2,500	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-*-**	2,500	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-S	500	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-J	10,000	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-J-**	10,000	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-J	10,000	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-J-**	10,000	--	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-*	2,500	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-*-**	2,500	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-S	500	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-J	10,000	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-J-**	10,000	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-J	10,000	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-J-**	10,000	--	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-*	2,500	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-*-**	2,500	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-S	500	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-J	10,000	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-J-**	10,000	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-J	10,000	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-J-**	10,000	--	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-*	1,000	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-*-**	1,000	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-YL-S	250	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

**\*Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.  
Example: HX-094-2-\*4 becomes HX-094-2-RD-4

**Available Stock Colors:**

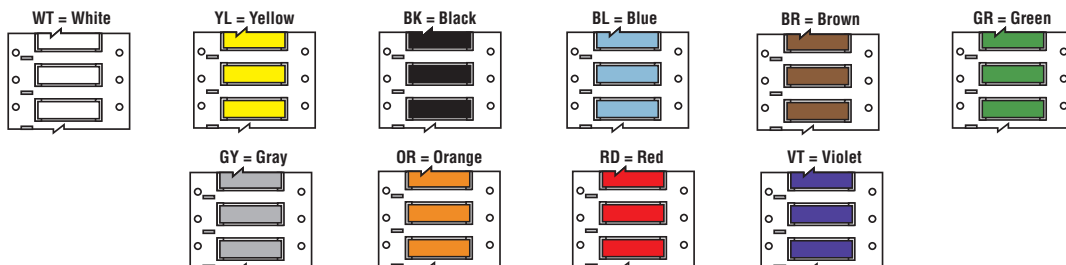
BK = Black	GR = Green	RD = Red	YL = Yellow
BL = Blue	GY = Gray	VT = Violet	WT = White
BR = Brown	OR = Orange		

**\*\* Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-\*\* becomes HX-187-2-WT-4  
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

<b>Standard Option:</b> 1 marker per sleeve	<b>Other Available Slit Options:</b> 2, 3 or 4 markers per sleeve
--	--



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
2HX-250-2-WT-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-250-2-WT-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-250-2-YL-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-250-2-YL-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2-WT**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-375-2*	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-375-2-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2-WT-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2-WT**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-375-2-YL-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-375-2-YL-J**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-500-2-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2-WT**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-500-2*	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-500-2-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2-WT-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2-WT-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-500-2-YL-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-500-2-YL-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-750-2-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2-WT-2	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-750-2*	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2-WT-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-750-2-YL-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/R6602
2HX-750-2-YL-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/R6602
2HX-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/R6602
2HX-1000-2-WT**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/R6602
2HX-1000-2*	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/R6602
2HX-1000-2**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/R6602
2HX-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/R6602
2HX-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: HX-094-2-\*4 becomes HX-094-2-RD-4

#### Available Stock Colors:

BK = Black  
BL = Blue  
BR = Brown  
GR = Green  
GY = Gray  
OR = Orange  
RD = Red  
VT = Violet  
YL = Yellow  
WT = White

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT\*\* becomes HX-187-2-WT-4

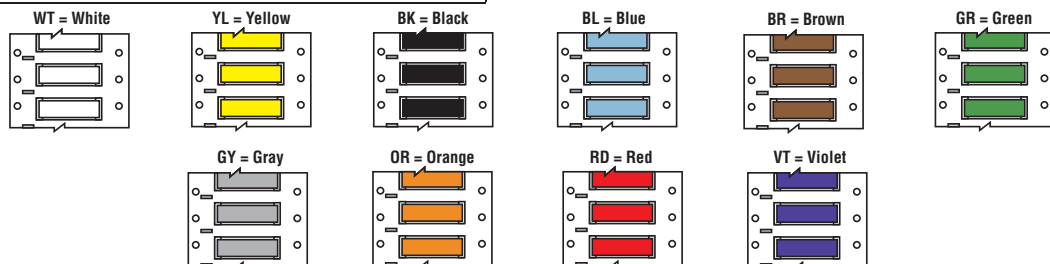
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

# THT Labels: PermaSleeve® Wire Marking Sleeves

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## B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
2HX-1000-2-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-WT-J**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1000-2-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-YL-J**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1500-2-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2*	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-WT-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-YL-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2*	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-YL-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

## B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 3" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

Single-Sided Printable, 3" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
HX-1000-3-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3*	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3*	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-WT-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-YL-J	1,000	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3*	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-WT-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-YL-J	1,000	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602

### \*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" or 3" wire marking sleeves in the colors listed below. Replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: HX-094-2\*-4 becomes HX-094-2-RD-4

#### Available Stock Colors:

BK = Black      GR = Green      RD = Red      YL = Yellow  
 BL = Blue      GY = Gray      VT = Violet      WT = White  
 BR = Brown      OR = Orange

### \*\* Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each 2" sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (\*\*) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-\*\* becomes HX-187-2-WT-4

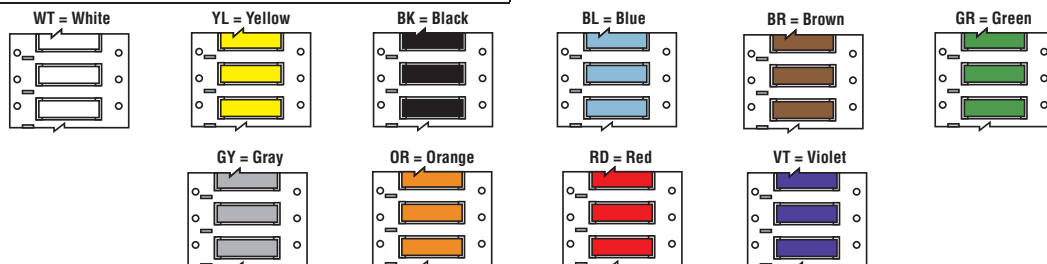
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

#### Standard Option:

1 marker per sleeve

#### Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-888-272-3946 | www.BradyID.com

# THT Labels: Wire & Cable ID

www.BradyID.com

Benchtop Thermal Transfer Labels

Wire & Cable Identification



## Wire & Cable and Voice & Data Comm Identification Labels

Identify critical components and mark wires and cables for quick identification in your facility or data center.

Brady offers a wide range of identification solutions for marking wires and cables including wire labels, heat-shrinkable sleeves, tags, and more.

Brady's wire and cable identification products are lab and field tested. They are proven to withstand harsh environments including extreme temperatures, liquids, chemical exposure, abrasion and more.

The label markers are extremely durable featuring an ultra resistant top coat formulation and ultra aggressive adhesive.

Brady also offers a wide range of labels to fit voice, data, and video applications. Together with Brady's portable and benchtop printers, label design software, and cable management software, these labels provide identification solutions for cables, closest hardware, racks, panels, workstations and more.

Wire and cable marking solutions are available in a variety of sizes and colors to ensure that your wires and cables are marked with clear, legible identification. With thermal transfer printing systems, label design software and a full line of wire and cable identification, Brady offers the complete solution to meet your needs.

### Printer Compatibility

All wire & cable identification label parts shown on pages 130-135 are compatible with the following printers unless otherwise noted.

#### Recommended Printers



**Bradyprinter™  
PR Plus Printers**  
*See Page 80*



**Brady IP™ Printer**  
*See Page 76*



**BBP®81 Label Printer**  
*See Page 78*



**BBP®11 Label Printer**  
*3" Core Label Rolls are compatible when used with Media Holder accessory.  
See Page 68*



### Understanding THT Label Part Numbers

Most label part numbers can be broken down in the following manner by the label's components.

Example:

**THT-5-426-10**

**Technology:**  
Thermal Transfer

**Die Cut:**  
#5, 1.000" x 0.500"

**Material Number:**  
B-426, Amber, Polyimide

**Package Qty:**  
10,000

### 3" Core Wire & Cable Labels:

## B-109 Polyethylene Tags

**Color: White Finish: Matte**

Excellent multi-purpose tag for identifying multiconductor cables, inventory, safety warning repair and work-in-processing manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.

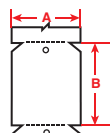


Figure 13



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 13	THT-33-109-0.5	Polyethylene Tag	White	3.000 (76.2)	6.000 (152.4)	-	-	3.000 (76.2)	1	500	R4300

### 3" Core Wire & Cable Labels:

## B-411 Polyolefin Tags

**Color: White Finish: Matte**

Durable polyolefin tag with matte finish. Can be printed using thermal transfer technology and offers good resistance to water and chemicals. Not recommended for outdoor use.

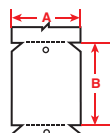


Figure 13



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 13	THT-33-411-1	Polyolefin Tag	White	3.000 (76.2)	6.000 (152.4)	-	-	3.000 (76.2)	1	2 rolls of 500	R4300

### 3" Core Wire & Cable Labels:

## B-412 Polypropylene Tags

**Color: White Finish: Matte**

Thick polypropylene material used for wire, cable and inventory identification. Offers high print legibility and high tensile strength.

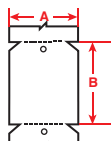


Figure 13

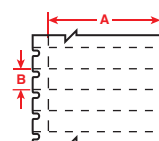


Figure 16



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 16	THT-150-412-1	Polyethylene Tag	White	1.938 (49.2)	0.375 (9.5)	-	-	-	1	1,000	R6200
Fig. 13	THT-33-412-1	Polypropylene Tag	White	3.000 (76.2)	6.000 (152.4)	-	-	3.000 (76.2)	1	2 rolls of 500	R6202



### Looking For Portable Voice & Data Comm Identification?

Brady offers multiple portable printers that easily fit into the workflow of technicians on the go. All printers feature full hassle-free drop, lock and print supplies. View Brady's wide range of label parts for the following portable printers on pages 13-66.



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# THT Labels: Wire & Cable ID

www.BradyID.com

3" Core Wire & Cable Labels:

## B-427 Self-Laminating Vinyl Labels

Color: White/ Translucent Finish: Matte Printable Zone/ Translucent Wrap

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminates to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

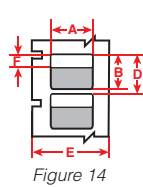
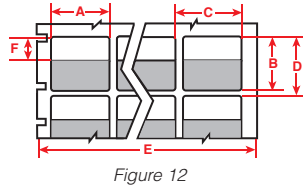
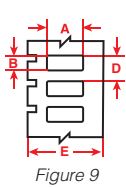


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area Height F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 12	THT-80-427-5	Vinyl	White/Transparent	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	5,000	R4300
Fig. 12	THT-113-427-5	Vinyl	White/Transparent	0.500 (12.7)	1.000 (25.4)	0.600 (15.2)	1.125 (28.6)	2.500 (63.5)	0.375 (9.5)	4	5,000	R4300
Fig. 12	THT-114-427-5	Vinyl	White/Transparent	0.500 (12.7)	1.250 (31.8)	0.600 (15.2)	1.375 (34.9)	2.500 (63.5)	0.500 (12.7)	4	5,000	R4300
Fig. 12	THT-8-427-10	Vinyl	White/Transparent	0.500 (12.7)	1.437 (36.5)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	5	10,000	R4311
Fig. 12	THT-56-427-10	Vinyl	White/Transparent	0.750 (19.1)	0.938 (23.8)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	0.375 (9.5)	4	10,000	R4307
Fig. 12	THT-73-427-10	Vinyl	White/Transparent	0.750 (19.1)	1.750 (44.5)	0.800 (20.3)	1.875 (47.6)	3.350 (85.1)	0.500 (12.7)	4	10,000	R4307
Fig. 12	THT-74-427-10	Vinyl	White/Transparent	0.800 (20.3)	1.437 (36.5)	0.800 (20.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	4	10,000	R4307
Fig. 12	THT-115-427-5	Vinyl	White/Transparent	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	0.375 (9.5)	2	5,000	R4302
Fig. 12	THT-116-427-5	Vinyl	White/Transparent	1.000 (25.4)	1.000 (25.4)	1.100 (27.9)	1.125 (28.6)	2.300 (58.4)	0.375 (9.5)	2	5,000	R4302
Fig. 12	THT-117-427-5	Vinyl	White/Transparent	1.000 (25.4)	1.250 (31.8)	1.100 (27.9)	1.375 (34.9)	2.300 (58.4)	0.500 (12.7)	2	5,000	R4302
Fig. 12	THT-9-427-10	Vinyl	White/Transparent	1.000 (25.4)	1.437 (36.5)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	3	10,000	R4307
Fig. 12	THT-75-427-3	Vinyl	White/Transparent	1.000 (25.4)	2.250 (57.2)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	0.750 (19.1)	2	3,000	R4302
Fig. 12	THT-10-427-3	Vinyl	White/Transparent	1.000 (25.4)	3.750 (95.3)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	1.000 (25.4)	3	3,000	R4300
Fig. 12	THT-81-427-1	Vinyl	White/Transparent	1.000 (25.4)	6.000 (152.4)	1.100 (27.9)	6.187 (157.2)	2.300 (58.4)	1.500 (38.1)	2	1,000	R4302
Fig. 9	THT-135-427-3-AW	Vinyl	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	0.750 (19.1)	1	3,000	R4302
Fig. 14	THT-118-427-5	Vinyl	White/Transparent	1.500 (38.1)	1.000 (25.4)	-	1.125 (28.5)	1.700 (43.1)	0.375 (9.5)	1	5,000	R4302
Fig. 14	THT-119-427-2.5	Vinyl	White/Transparent	1.500 (38.1)	1.500 (38.1)	-	1.625 (41.3)	1.700 (43.1)	0.500 (12.7)	1	2,500	R4302
Fig. 14	THT-120-427-5	Vinyl	White/Transparent	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.5)	1.950 (49.5)	0.375 (9.5)	1	5,000	R4302
Fig. 14	THT-121-427-2.5	Vinyl	White/Transparent	1.750 (44.5)	1.500 (38.1)	-	1.625 (41.3)	1.950 (49.5)	0.500 (12.7)	1	2,500	R4302
Fig. 9	THT-137-427-3-AW	Vinyl	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1.000 (25.4)	1	3,000	R4302
Fig. 14	THT-27-427-1	Vinyl	White/Transparent	2.000 (50.8)	3.750 (95.3)	-	4.000 (101.6)	2.200 (55.9)	1.000 (25.4)	1	1,000	R4302
Fig. 14	THT-82-427-0.5	Vinyl	White/Transparent	2.000 (50.8)	6.000 (152.4)	-	6.250 (158.8)	2.200 (55.9)	1.500 (38.1)	1	500	R4302
Fig. 14	THT-83-427-0.5	Vinyl	White/Transparent	2.000 (50.8)	7.000 (177.8)	-	7.187 (182.6)	2.200 (55.9)	1.500 (38.1)	1	500	R4302
Fig. 14	THT-26-427-1	Vinyl	White/Transparent	2.500 (63.5)	2.250 (57.2)	-	2.438 (61.9)	2.700 (68.6)	0.750 (19.1)	1	1,000	R4300
<b>NOTICE BBP®11 PRINTER ONLY: The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</b>												
Fig. 12	THT-80-427-2.5-SC	Vinyl	White/Transparent	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	2,500	R4313
Fig. 12	THT-8-427-5-SC	Vinyl	White/Transparent	0.500 (12.7)	1.437 (36.5)	0.662 (16.8)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	5	5,000	R4313
Fig. 12	THT-56-427-5-SC	Vinyl	White/Transparent	0.750 (19.1)	0.938 (23.8)	0.800 (20.3)	1.125 (28.6)	3.350 (85.1)	0.375 (9.5)	4	5,000	R4313
Fig. 12	THT-74-427-5-SC	Vinyl	White/Transparent	0.800 (20.3)	1.437 (36.5)	0.800 (20.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	4	5,000	R4313
Fig. 12	THT-9-427-2.5-SC	Vinyl	White/Transparent	1.000 (25.4)	1.437 (36.5)	1.075 (27.3)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	3	2,500	R4313
Fig. 12	THT-75-427-1.5-SC	Vinyl	White/Transparent	1.000 (25.4)	2.250 (57.2)	1.100 (27.9)	2.375 (60.3)	2.300 (58.4)	0.750 (19.1)	2	1,500	R4313
Fig. 12	THT-10-427-1.5-SC	Vinyl	White/Transparent	1.000 (25.4)	3.750 (95.3)	1.075 (27.3)	4.000 (101.6)	3.350 (85.1)	1.000 (25.4)	3	1,500	R4313
Fig. 12	THT-81-427-5-SC	Vinyl	White/Transparent	1.000 (25.4)	6.000 (152.4)	1.100 (27.9)	6.187 (157.2)	2.300 (58.4)	1.500 (38.1)	2	500	R4313
Fig. 9	THT-135-427-2-AWSC	Vinyl	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	0.750 (19.1)	1	2,000	R4313
Fig. 14	THT-119-427-1-SC	Vinyl	White/Transparent	1.500 (38.1)	1.500 (38.1)	-	1.625 (41.3)	1.700 (43.1)	0.500 (12.7)	1	1,000	R4313
Fig. 14	THT-121-427-1-SC	Vinyl	White/Transparent	1.750 (44.5)	1.500 (38.1)	-	1.625 (41.3)	1.950 (49.5)	0.500 (12.7)	1	1,000	R4313
Fig. 14	THT-27-427-5-SC	Vinyl	White/Transparent	2.000 (50.8)	3.750 (95.3)	-	4.000 (101.6)	2.200 (55.9)	1.000 (25.4)	1	500	R4313
Fig. 14	THT-26-427-5-SC	Vinyl	White/Transparent	2.500 (63.5)	2.250 (57.2)	-	2.438 (61.9)	2.700 (68.6)	0.750 (19.1)	1	500	R4313

\* B-427 Self-Laminating Vinyl Labels continue on the following page.

See all benchtop printer ribbon parts on page 192 and full material descriptions on pages 164-170.

## 3" Core Wire & Cable Labels:

### B-427 Self-Laminating Rotated Vinyl Labels

Color: White/Translucent Finish: Matte Printable Zone/Translucent Wrap

A self-laminating label that is oriented to be one label across and rotated horizontally. These labels also include a white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminate to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

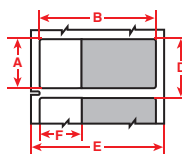


Figure 15

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area Height F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 15	THT-61-427-5	Vinyl	White/Transparent	0.500 (12.7)	1.437 (36.5)	0.687 (17.5)	1.637 (41.6)	0.500 (12.7)	1	5,000	R4302
Fig. 15	THT-62-427-3.5	Vinyl	White/Transparent	0.750 (19.1)	1.750 (44.5)	0.937 (23.8)	1.950 (49.5)	0.500 (12.7)	1	3,500	R4302
Fig. 15	THT-63-427-3.5	Vinyl	White/Transparent	0.800 (20.3)	1.437 (36.5)	0.987 (25.1)	1.637 (41.6)	0.500 (12.7)	1	3,500	R4302
Fig. 15	THT-64-427-3	Vinyl	White/Transparent	1.000 (25.4)	2.250 (57.2)	1.187 (30.2)	2.450 (62.2)	0.750 (19.1)	1	3,000	R4300
Fig. 15	THT-65-427-3	Vinyl	White/Transparent	1.000 (25.4)	3.750 (95.3)	1.187 (30.2)	3.950 (100.3)	1.000 (25.4)	1	3,000	R4307
Fig. 15	THT-66-427-1.5	Vinyl	White/Transparent	1.900 (48.3)	3.187 (81.0)	2.150 (54.6)	3.387 (86.0)	0.750 (19.1)	1	1,500	R4307
Fig. 15	THT-67-427-1.5	Vinyl	White/Transparent	2.000 (50.8)	2.250 (57.2)	2.187 (55.6)	2.450 (62.2)	0.750 (19.1)	1	1,500	R4300
Fig. 15	THT-85-427-2	Vinyl	White/Transparent	2.000 (50.8)	6.000 (152.4)	2.200 (55.9)	6.200 (157.5)	1.500 (38.1)	1	2,000	R4308
Fig. 15	THT-86-427-2	Vinyl	White/Transparent	2.000 (50.8)	7.000 (177.8)	2.200 (55.9)	7.200 (182.9)	1.500 (38.1)	1	2,000	R4308
Fig. 15	THT-127-427-3	Vinyl	White/Transparent	0.500 (12.7)	2.200 (55.9)	0.625 (15.9)	2.400 (61.0)	0.750 (19.1)	1	3,000	R4300
Fig. 15	THT-131-427-3	Vinyl	White/Transparent	1.000 (25.4)	2.625 (66.7)	1.125 (28.6)	2.825 (71.8)	1.000 (25.4)	1	3,000	R4300
<p><b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 15	THT-131-427-1.5-SC	Vinyl	White/Transparent	1.000 (25.4)	2.625 (66.7)	1.125 (28.6)	2.825 (71.8)	1.000 (25.4)	1	1,500	R4313



### Finding the correct label height for your Self Laminating labels

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

**Step 1:** Wire Diameter  
 $\times 3.147 (\text{pie})$   
 = Wire Circumference

**Step 2:** Wire Circumference  
 $\times 1.5 (\text{allowing label to wrap 1.5 times around wire})$   
 = Total Label Length



# THT Labels: Wire & Cable ID

www.BradyID.com

3" Core Wire & Cable Labels:

## Brady B-498 Repositionable Vinyl Cloth Labels

Brady B-498 is a repositionable vinyl cloth wire, cable, and component marking label. The adhesive and cloth backing give excellent holding power, while being repositionable and removing cleanly.

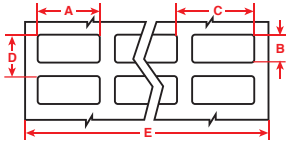


Figure 1

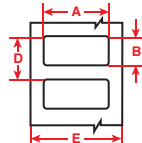


Figure 2

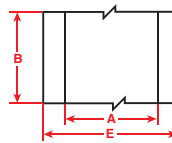


Figure 3

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 3	THT-94-498-2	Vinyl Cloth	White	0.240 (6.1)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R4311
Fig. 1	THT-90-498-5	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	5,000	R4302
Fig. 3	THT-93-498-2	Vinyl Cloth	White	0.318 (8.1)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R4311
Fig. 3	THT-92-498-2	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R4311
Fig. 1	THT-68-498-10	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	R4300
Fig. 1	THT-87-498-5	Vinyl Cloth	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	5,000	R4307
Fig. 1	THT-14-498-10	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 1	THT-1-498-10	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-91-498-5	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	5,000	R4307
Fig. 1	THT-165-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	R4307
Fig. 1	THT-95-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	5,000	R4300
Fig. 1	THT-5-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-59-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R4306
Fig. 1	THT-88-498-5	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	5,000	R4302
Fig. 1	THT-89-498-5	Vinyl Cloth	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	5,000	R4307
Fig. 2	THT-199-498-3	Vinyl Cloth	White	1.050 (28.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R4306
Fig. 2	THT-17-498-3	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
<b>NOTICE BPP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BPP11 Printer and do not require the BPP11 media adaptor accessory. View page 68 for more information.											
Fig. 1	THT-90-498-2.5-SC	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	2,500	R4313
Fig. 3	THT-92-498-SC	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 Roll Cont.	R4313
Fig. 1	THT-68-498-5-SC	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	5,000	R4313
Fig. 1	THT-14-498-5-SC	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	5,000	R4313
Fig. 1	THT-1-498-5-SC	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R4313
Fig. 1	THT-91-498-2.5-SC	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	2,500	R4313
Fig. 1	THT-165-498-2.5-SC	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	2,500	R6013
Fig. 1	THT-95-498-2.5-SC	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	2,500	R4313
Fig. 1	THT-88-498-2.5-SC	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	2,500	R4313
Fig. 2	THT-199-498-3-SC	Vinyl Cloth	White	1.050 (28.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R4313
Fig. 2	THT-17-498-1.5-SC	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	1,500	R4313



### Did You Know? [www.BradyID.com](http://www.BradyID.com)

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- Webinars
- And More!



### 3" Core Wire & Cable Labels:

## B-499 Nylon Cloth Labels

Color: White Finish: Matte

Permanent adhesive allows labeling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vial identification, and general labeling.

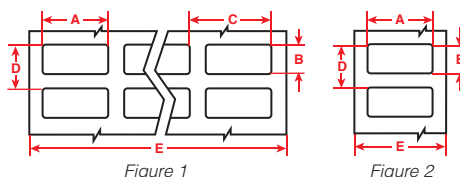


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz.Repeat C Inch (mm)	Vert.Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-68-499-10	Nylon Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	R4900
Fig. 1	THT-162-499-10	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	10,000	R4904
Fig. 1	THT-165-499-5	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	R4904
Fig. 1	THT-69-499-3	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.540 (39.1)	1.900 (48.3)	2	3,000	R4902
Fig. 2	THT-125-499-3	Nylon Cloth	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	3,000	R4902
Fig. 1	THT-152-499-3	Nylon Cloth	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	2.300 (58.4)	2	3,000	R4902
Fig. 2	THT-136-499-3	Nylon Cloth	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	3,000	R4902
Fig. 2	THT-185-499-3	Nylon Cloth	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	R4902
Fig. 2	THT-186-499-3	Nylon Cloth	White	1.750 (44.5)	1.875 (47.6)	-	1.975 (50.2)	1.950 (49.5)	1	3,000	R4902
Fig. 2	THT-137-499-3	Nylon Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4902
Fig. 2	THT-151-499-3	Nylon Cloth	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	3,000	R4902
Fig. 2	THT-19-499-1	Nylon Cloth	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4900
<b>NOTICE BBP®11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP11 Printer and do not require the BBP11 media adaptor accessory. View page 68 for more information.											
Fig. 2	THT-125-499-1.5-SC	Nylon Cloth	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	1,500	R4913
Fig. 1	THT-152-499-1.5-SC	Nylon Cloth	White	1.000 (25.4)	0.375 (9.5)	1.100 (27.9)	0.475 (12.0)	2.300 (58.4)	2	1,500	R4913
Fig. 2	THT-136-499-1.5-SC	Nylon Cloth	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.100 (27.9)	1	1,500	R4913
Fig. 2	THT-151-499-1.5-SC	Nylon Cloth	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	1,500	R4913
Fig. 2	THT-137-499-1.5-SC	Nylon Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.100 (53.3)	1	1,500	R4913

### 3" Core Wire & Cable Labels:

## B-508 Nomex® Wire and Cable Tags

Color: White, Yellow and Green Finish: Matte

Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance. Meets the following industry specifications: SAE AS 81531, RoHS Compliant. Tested per ASTM E162, ASTM E662.

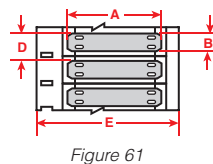


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 61	HSNX-400-2-GR	Nomex® Tag	Green	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	1	2,500	R6002
Fig. 61	HSNX-400-2-WT	Nomex® Tag	White	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	1	2,500	R6002
Fig. 61	HSNX-400-2-YL	Nomex® Tag	Yellow	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	1	2,500	R6002
Fig. 61	HSNX-800-2-GR	Nomex® Tag	Green	2.200 (55.8)	0.410 (10.4)	1.012 (25.70)	3.250 (82.55)	1	2,500	R6002
Fig. 61	HSNX-800-2-WT	Nomex® Tag	White	2.200 (55.8)	0.410 (10.4)	1.012 (25.70)	3.250 (82.55)	1	2,500	R6002
Fig. 61	HSNX-800-2-YL	Nomex® Tag	Yellow	2.200 (55.8)	0.410 (10.4)	1.012 (25.70)	3.250 (82.55)	1	2,500	R6002

### 3" Core Wire & Cable Labels:

## B-7643 Heatex™ Cable Markers

Color: White Finish: Matte

Polyurethane tag material for dot matrix and thermal transfer printing. Low-halegen material that is Rohs compliant.

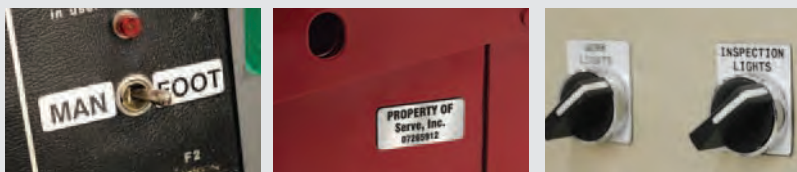
Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
HSCM-2400-0.390-WT	Polyurethane	White	2.362 (60.0)	0.394 (10.0)	1	1,000	R6002
HSCM-2400-0.390-YL	Polyurethane	Yellow	2.400 (61.0)	0.390 (9.0)	1	1,000	R6002
HSCM-3000-0.500-WT	Polyurethane	White	2.953 (75.0)	0.394 (10.0)	1	1,000	R6002
HSCM-3000-0.500-YL	Polyurethane	Yellow	2.953 (75.0)	0.394 (10.0)	1	1,000	R6002
HSCM-3000-0.625-WT	Polyurethane	White	2.953 (75.0)	0.591 (15.0)	1	1,000	R6002
HSCM-3000-0.625-YL	Polyurethane	Yellow	2.953 (75.0)	0.591 (15.0)	1	1,000	R6002
HSCM-3000-1-WT	Polyurethane	White	2.953 (75.0)	0.984 (25.0)	1	500	R6002
HSCM-3000-1-YL	Polyurethane	Yellow	2.953 (75.0)	0.984 (25.0)	1	500	R6002

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170. Nomex® is a registered trademark of DuPont.

# THT Labels: Raised Panel / Control Panel

www.BradyID.com

Benchtop Thermal Transfer Labels



## Raised Panel / Control Panel Labels

**A cost-saving alternative to engraved legend plates**

Brady's Raised Panel Labels are foam-backed polyester labels with an aggressive, permanent adhesive. Thicker and more durable than a normal label, Raised Panel Labels are a cost-effective alternative to engraved legend plates. They can be used to identify industrial control panels, signal lights and other indoor components, as well as outdoor electrical boxes, instrument panels and more.

Using one of Brady's printers means you can create your labels in real time right in your facility - a more practical and customizable option than traditional legend plates.

### Printer Compatibility

All raised panel / control panel label parts shown on pages 136-139 are compatible with the following printers unless otherwise noted.

### Recommended Printers



**Bradyprinter™  
PR Plus Printers**  
See Page 80



**Brady IP™ Printer**  
See Page 76

**Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

Example:

**THT-5-426-10**

<p><b>Technology:</b> Thermal Transfer</p>	<p><b>Package Qty:</b> 10,000</p>
<p><b>Die Cut:</b> #5, 1.000" x 0.500"</p>	<p><b>Material Number:</b> B-426, Amber, Polyimide</p>

### 3" Core Rectangular Raised Panel Labels:

## B-593 Foam Backed Polyester Labels

**Color: Various Finish: Gloss**

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Can be printed with alphanumerics for use as rating and serial plates. Available in a variety of colors.

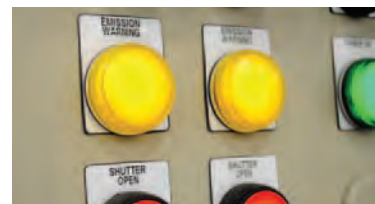
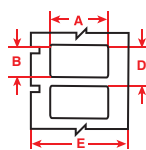


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 62	THTEP-171-593-.5	Polyester	White	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R6006
Fig. 62	THTEP171-593-.25	Polyester	White	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R6006
Fig. 62	THTEP-171-593-.5BK	Polyester	Black	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R4400-WT
Fig. 62	THTEP171-593-.25BK	Polyester	Black	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R4400-WT
Fig. 62	THTEP-171-593-.5RD	Polyester	Red	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R6006, R4400-WT
Fig. 62	THTEP171-593-.25RD	Polyester	Red	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R6006, R4400-WT
Fig. 62	THTEP-171-593-.5YL	Polyester	Yellow	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R6006
Fig. 62	THTEP171-593-.25YL	Polyester	Yellow	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R6006
Fig. 62	THTEP-171-593-.5GN	Polyester	Green	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R6006, R4400-WT
Fig. 62	THTEP171-593-.25GN	Polyester	Green	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R6006, R4400-WT
Fig. 62	THTEP-171-593-.5SL	Polyester	Silver	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	500	R6006
Fig. 62	THTEP171-593-.25SL	Polyester	Silver	1.060 (27.0)	0.490 (12.5)	0.625 (15.9)	1.260 (32.0)	1	250	R6006
Fig. 62	THTEP-172-593-.5	Polyester	White	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R6000
Fig. 62	THTEP172-593-.25	Polyester	White	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R6000
Fig. 62	THTEP172-593-.25BK	Polyester	Black	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R4400-WT
Fig. 62	THTEP-172-593-.5BK	Polyester	Black	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R4400-WT
Fig. 62	THTEP-172-593-.5RD	Polyester	Red	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R6000, R4400-WT
Fig. 62	THTEP172-593-.25RD	Polyester	Red	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R6000, R4400-WT
Fig. 62	THTEP-172-593-.5YL	Polyester	Yellow	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R6000
Fig. 62	THTEP172-593-.25YL	Polyester	Yellow	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R6000
Fig. 62	THTEP-172-593-.5GN	Polyester	Green	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R6000, R4400-WT
Fig. 62	THTEP172-593-.25GN	Polyester	Green	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R6000, R4400-WT
Fig. 62	THTEP-172-593-.5SL	Polyester	Silver	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	500	R6000
Fig. 62	THTEP172-593-.25SL	Polyester	Silver	1.770 (45.0)	0.590 (15.0)	0.725 (18.5)	1.970 (50.0)	1	250	R6000

Brady B-593 Rectangular Raised Polyester Labels continue on following page.  
See all benchtop printer ribbon parts on page 152  
and full material descriptions on pages 164-170.

Raised Panel / Control Panel Identification

# THT Labels: Raised Panel / Control Panel

www.BradyID.com

3" Core Rectangular Raised Panel Labels:

## B-593 Foam Backed Polyester Labels

Color: Various Finish: Gloss

Continued from previous page.

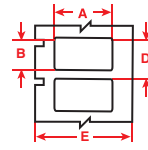


Figure 62



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 62	THTEP-173-593-5	Polyester	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R6000
Fig. 62	THTEP173-593-25	Polyester	White	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R6000
Fig. 62	THTEP-173-593-.5BK	Polyester	Black	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R4400-WT
Fig. 62	THTEP173-593-.25BK	Polyester	Black	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R4400-WT
Fig. 62	THTEP-173-593-.5RD	Polyester	Red	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R6000, R4400-WT
Fig. 62	THTEP173-593-.25RD	Polyester	Red	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R6000, R4400-WT
Fig. 62	THTEP-173-593-.5YL	Polyester	Yellow	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R6000
Fig. 62	THTEP173-593-.25YL	Polyester	Yellow	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R6000
Fig. 62	THTEP-173-593-.5GN	Polyester	Green	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R6000, R4400-WT
Fig. 62	THTEP173-593-.25GN	Polyester	Green	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R6000, R4400-WT
Fig. 62	THTEP-173-593-.5SL	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	500	R6000
Fig. 62	THTEP173-593-.25SL	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	1.125 (28.5)	2.200 (55.9)	1	250	R6000
Fig. 62	THTEP-174-593-5	Polyester	White	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R6007
Fig. 62	THTEP174-593-25	Polyester	White	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R6007
Fig. 62	THTEP-174-593-.5BK	Polyester	Black	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R4407-WT
Fig. 62	THTEP174-593-.25BK	Polyester	Black	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R4407-WT
Fig. 62	THTEP-174-593-.5RD	Polyester	Red	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R6007, R4407-WT
Fig. 62	THTEP174-593-.25RD	Polyester	Red	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R6007, R4407-WT
Fig. 62	THTEP-174-593-.5YL	Polyester	Yellow	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R6007
Fig. 62	THTEP174-593-.25YL	Polyester	Yellow	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R6007
Fig. 62	THTEP-174-593-.5GN	Polyester	Green	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R6007, R4407-WT
Fig. 62	THTEP174-593-.25GN	Polyester	Green	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R6007, R4407-WT
Fig. 62	THTEP-174-593-.5SL	Polyester	Silver	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	500	R6007
Fig. 62	THTEP174-593-.25SL	Polyester	Silver	4.000 (101.6)	1.000 (25.4)	1.125 (28.5)	4.200 (106.7)	1	250	R6007
Fig. 62	THTEP-175-593-5	Polyester	White	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP175-593-25	Polyester	White	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-175-593-.5BK	Polyester	Black	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	500	R4402-WT
Fig. 62	THTEP175-593-.25BK	Polyester	Black	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	250	R4402-WT
Fig. 62	THTEP-175-593-.5YL	Polyester	Yellow	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP175-593-.25YL	Polyester	Yellow	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-175-593-.5GN	Polyester	Green	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	500	R6002, R4402-WT
Fig. 62	THTEP175-593-.25GN	Polyester	Green	3.000 (76.2)	0.750 (19.1)	0.875 (22.2)	3.200 (81.3)	1	250	R6002, R4402-WT
Fig. 62	THTEP-176-593-5	Polyester	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP176-593-25	Polyester	White	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-176-593-.5BK	Polyester	Black	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	500	R4402-WT
Fig. 62	THTEP176-593-.25BK	Polyester	Black	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	250	R4402-WT
Fig. 62	THTEP-176-593-.5YL	Polyester	Yellow	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP176-593-.25YL	Polyester	Yellow	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-176-593-.5GN	Polyester	Green	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	500	R6002, R4402-WT
Fig. 62	THTEP176-593-.25GN	Polyester	Green	3.000 (76.2)	1.000 (25.4)	1.125 (28.5)	3.200 (81.3)	1	250	R6002, R4402-WT
Fig. 62	THTEP-177-593-5	Polyester	White	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP177-593-25	Polyester	White	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-177-593-.5BK	Polyester	Black	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	500	R4402-WT
Fig. 62	THTEP177-593-.25BK	Polyester	Black	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	250	R4402-WT
Fig. 62	THTEP-177-593-.5YL	Polyester	Yellow	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP177-593-.25YL	Polyester	Yellow	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-177-593-.5GN	Polyester	Green	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	500	R6002, R4402-WT
Fig. 62	THTEP177-593-.25GN	Polyester	Green	3.000 (76.2)	2.500 (63.5)	2.625 (67.0)	3.200 (81.3)	1	250	R6002, R4402-WT
Fig. 62	THTEP-178-593-5	Polyester	White	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP178-593-25	Polyester	White	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-178-593-.5BK	Polyester	Black	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	500	R4402-WT
Fig. 62	THTEP178-593-.25BK	Polyester	Black	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	250	R4402-WT
Fig. 62	THTEP-178-593-.5YL	Polyester	Yellow	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP178-593-.25YL	Polyester	Yellow	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	250	R6002
Fig. 62	THTEP-178-593-.5GN	Polyester	Green	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	500	R6002, R4402-WT
Fig. 62	THTEP178-593-.25GN	Polyester	Green	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	250	R6002, R4402-WT
Fig. 62	THTEP-178-593-.5SL	Polyester	Silver	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	500	R6002
Fig. 62	THTEP178-593-.25SL	Polyester	Silver	3.000 (76.2)	3.500 (88.9)	3.625 (92.0)	3.200 (81.3)	1	250	R6002

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# THT Labels: Raised Panel / Control Panel

www.BradyID.com

3" Core Raised Panel Push Button Labels:

## B-593 Foam Backed Polyester Labels

Color: Various Finish: Gloss

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and internal connection points. Available with 22.5mm or 30.5mm push button holes and in a variety of colors.

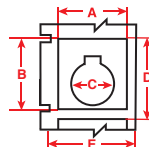


Figure 19



Benchtop Thermal Transfer Labels

Raised Panel / Control Panel Identification

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Dia. C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 19	THTEP-167-593-.5	Polyester	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167-593-.25	Polyester	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-167-593-.5BK	Polyester	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R4400-WT
Fig. 19	THTEP167-593-.25BK	Polyester	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	R4400-WT
Fig. 19	THTEP-167-593-.5RD	Polyester	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167-593-.25RD	Polyester	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-167-593-.5YL	Polyester	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167-593-.25YL	Polyester	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-167-593-.5GN	Polyester	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167-593-.25GN	Polyester	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP167U-593-.5	Polyester	White	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167U-593-.5BK	Polyester	Black	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R4400-WT
Fig. 19	THTEP167U-593-.5RD	Polyester	Red	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167U-593-.5YL	Polyester	Yellow	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP167U-593-.5GN	Polyester	Green	1.200 (30.5)	1.500 (38.1)	0.886 (22.5)	1.625 (41.3)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP-168-593-.5	Polyester	White	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP168-593-.25	Polyester	White	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-168-593-.5BK	Polyester	Black	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	500	R4400-WT
Fig. 19	THTEP168-593-.25BK	Polyester	Black	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	250	R4400-WT
Fig. 19	THTEP-168-593-.5RD	Polyester	Red	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP168-593-.25RD	Polyester	Red	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-168-593-.5YL	Polyester	Yellow	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP168-593-.25YL	Polyester	Yellow	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-168-593-.5GN	Polyester	Green	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	500	R6006
Fig. 19	THTEP168-593-.25GN	Polyester	Green	1.200 (30.5)	1.900 (48.3)	0.886 (22.5)	2.125 (54.0)	1.400 (35.5)	1	250	R6006
Fig. 19	THTEP-169-593-.5	Polyester	White	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	500	R6006
Fig. 19	THTEP169-593-.25	Polyester	White	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	250	R6006
Fig. 19	THTEP-169-593-.5BK	Polyester	Black	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	500	R4400-WT
Fig. 19	THTEP169-593-.25BK	Polyester	Black	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	250	R4400-WT
Fig. 19	THTEP-169-593-.5RD	Polyester	Red	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	500	R6000
Fig. 19	THTEP169-593-.25RD	Polyester	Red	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	250	R6000
Fig. 19	THTEP-169-593-.5YL	Polyester	Yellow	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	500	R6000
Fig. 19	THTEP169-593-.25YL	Polyester	Yellow	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	250	R6000
Fig. 19	THTEP-169-593-.5GN	Polyester	Green	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	500	R6000
Fig. 19	THTEP169-593-.25GN	Polyester	Green	1.800 (45.7)	1.800 (45.7)	1.201 (30.5)	2.000 (51.0)	2.000 (50.8)	1	250	R6000
Fig. 19	THTEP-170-593-.5	Polyester	White	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	R6002
Fig. 19	THTEP170-593-.25	Polyester	White	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	R6002
Fig. 19	THTEP-170-593-.5BK	Polyester	Black	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	R4402-WT
Fig. 19	THTEP170-593-.25BK	Polyester	Black	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	R4402-WT
Fig. 19	THTEP-170-593-.5RD	Polyester	Red	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	R6002
Fig. 19	THTEP170-593-.25RD	Polyester	Red	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	R6002
Fig. 19	THTEP-170-593-.5YL	Polyester	Yellow	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	R6002
Fig. 19	THTEP170-593-.25YL	Polyester	Yellow	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	R6002
Fig. 19	THTEP-170-593-.5GN	Polyester	Green	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	500	R6002
Fig. 19	THTEP170-593-.25GN	Polyester	Green	2.400 (61.0)	2.400 (61.0)	1.201 (30.5)	2.625 (67.0)	2.600 (66.0)	1	250	R6002

# THT Labels: Raised Panel / Control Panel

www.BradyID.com

## 3" Core Raised Specialty Labels:

### B-593 Foam Backed Polyester Labels

Color: Various Finish: Gloss

Glossy, foam-backed polyester with permanent adhesive, coined a "raised panel" label. Ideal for external push-buttons, switches, and emergency stop buttons. Available in a variety of colors.

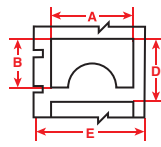


Figure 22

Figure 23\*

(Preprinted "Emergency Stop")



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Hole Dia. Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 23	THTEP-196-593YL*	Polyester	Black on Yellow	2.360 (59.9) dia.	-	1.201 (30.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-196-593RD*	Polyester	White on Red	2.360 (59.9) dia.	-	1.201 (30.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-197-593YL*	Polyester	Black on Yellow	3.500 (88.9) dia.	-	1.201 (30.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-197-593RD*	Polyester	White on Red	3.500 (88.9) dia.	-	1.201 (30.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-247-593YL*	Polyester	Black on Yellow	2.360 (59.9) dia.	-	0.886 (22.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-247-593RD*	Polyester	White on Red	2.360 (59.9) dia.	-	0.886 (22.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-248-593YL*	Polyester	Black on Yellow	3.500 (88.9) dia.	-	0.886 (22.5)	-	-	1	25	N/A Pre-printed
Fig. 23	THTEP-248-593RD*	Polyester	White on Red	3.500 (88.9) dia.	-	0.886 (22.5)	-	-	1	25	N/A Pre-printed
Fig. 22	THTEP-180-593-5	Polyester	White	1.890 (48.0)	1.300 (33.0)	1.201 (30.5)	1.425 (36.2)	2.090 (53.1)	1	500	R6000
Fig. 22	THTEP180-593-.25	Polyester	White	1.890 (48.0)	1.300 (33.0)	1.201 (30.5)	1.425 (36.2)	2.090 (53.1)	1	250	R6000
Fig. 22	THTEP-181-593-5	Polyester	White	2.400 (61.0)	2.000 (50.8)	1.201 (30.5)	2.125 (54.0)	2.610 (66.3)	1	500	R6002
Fig. 22	THTEP181-593-.25	Polyester	White	2.400 (61.0)	2.000 (50.8)	1.201 (30.5)	2.125 (54.0)	2.610 (66.3)	1	250	R6002

\* Labels are preprinted with the text "Emergency Stop"

## 3" Core Raised Panel Labels:

### B-966 Overlaminates Labels

Color: Clear Finish: Gloss

A non-printable overlaminate that is sized to match B-593 Raised Panel Labels. When applied over a printed label, it provides extra abrasion and chemical resistance.

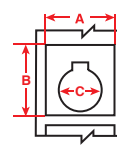
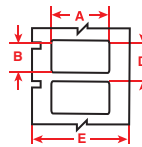


Figure 62

Figure 18



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 18	THTOL-167-966B-1	Polyester	Clear	1.200 (30.5)	1.500 (38.1)	1	1,000	N/A non-printable
Fig. 18	THTOL-167U-966B-1	Polyester	Clear	1.200 (30.5)	1.500 (38.1)	1	1,000	N/A non-printable
Fig. 18	THTOL-168-966B-1	Polyester	Clear	1.200 (30.5)	1.900 (48.3)	1	1,000	N/A non-printable
Fig. 18	THTOL-169-966B-1	Polyester	Clear	1.800 (45.7)	1.800 (45.7)	1	1,000	N/A non-printable
Fig. 18	THTOL-170-966B-1	Polyester	Clear	2.400 (61.0)	2.400 (61.0)	1	1,000	N/A non-printable
Fig. 62	THTOL-171-966B-1	Polyester	Clear	1.060 (27.0)	0.490 (12.5)	1	1,000	N/A non-printable
Fig. 62	THTOL-172-966B-1	Polyester	Clear	1.770 (45.0)	0.590 (15.0)	1	1,000	N/A non-printable
Fig. 62	THTOL-173-966B-1	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	1	1,000	N/A non-printable
Fig. 62	THTOL-174-966B-1	Polyester	Clear	4.000 (101.6)	1.000 (25.4)	1	1,000	N/A non-printable
Fig. 62	THTOL-175-966B-1	Polyester	Clear	3.000 (76.2)	0.750 (19.1)	1	1,000	N/A non-printable
Fig. 62	THTOL-176-966B-1	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	1	1,000	N/A non-printable
Fig. 62	THTOL-177-966B-1	Polyester	Clear	3.000 (76.2)	2.500 (63.5)	1	1,000	N/A non-printable
Fig. 62	THTOL-178-966B-1	Polyester	Clear	3.000 (76.2)	3.500 (88.9)	1	1,000	N/A non-printable

## Looking for a portable version of Raised Panel Labels?

Check out Brady's BMP®71 Label Printer on page 54 or the TLS 2200® Printer on page 22 for a portable, low volume raised panel and control panel labeling solution.



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

1-888-272-3946 | www.BradyID.com

# THT Labels: Circuit Board ID

www.BradyID.com



## Circuit Board Identification Labels

Improve processes and reduce operating costs with clearly identified circuit boards.

Brady's circuit board labels, or PCB labels, are polyimide labels that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB labels in a variety of materials, including anti-static PCB labels and labels for auto-apply applications. These high temp circuit board labels can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.

**! Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

*Example:*

THT-5-426-10

<p><b>Technology:</b> Thermal Transfer</p>	<p><b>Die Cut:</b> #5, 1.000" x 0.500"</p>	<p><b>Material Number:</b> B-426, Amber, Polyimide</p>
		<p><b>Package Qty:</b> 10,000</p>

### Printer Compatibility

All circuit board id label parts shown on pages 140-147 are compatible with the following printers unless otherwise noted.

#### Recommended Printers



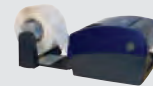
**Bradyprinter™  
PR Plus Printers**  
*See Page 80*



**Brady IP™ Printer**  
*See Page 76*



**BBP®81 Label Printer**  
*See Page 78*



**BBP®11 Label Printer**  
*3" Core Label Rolls are compatible when used with Media Holder accessory. See Page 68*

### 3" Core Circuit Board ID Labels:

## B-426 Polyimide Labels

Color: Amber Finish: Matte

Amber polyimide with matte finish and permanent adhesive. Used for printed circuit board and electronic component preprocess labeling. When used with Series R4300 ribbon, fulfills requirements of: MIL-PRF-55110G General Specification for Printed Wiring Boards, MIL-STD-202G, Notice 12, Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

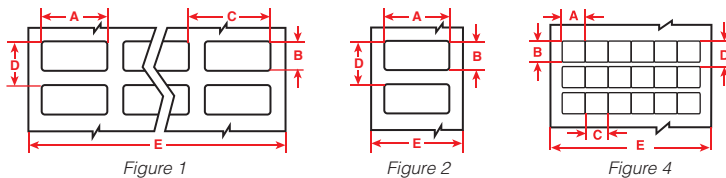


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-426-10	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R4300
Fig. 1	THT-38-426-10	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R4300
Fig. 1	THT-12-426-10	Polyimide	Amber	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-14-426-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 2	THT-47-426-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R4311
Fig. 1	THT-57-426-10	Polyimide	Amber	0.700 (17.8)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-1-426-10	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307

\* B-426 Polyimide Labels continues on following page.

See all bentctop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

## 3" Core Circuit Board ID Labels:

### Brady B-426 Polyimide Labels

Continued from previous page.

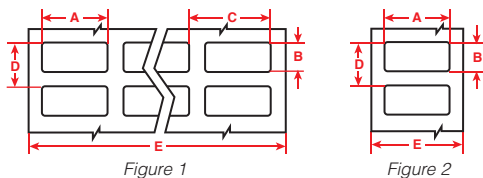


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-46-426-10	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R4311
Fig. 1	THT-50-426-10	Polyimide	Amber	0.750 (19.1)	0.750 (19.1)	0.800 (20.3)	0.875 (22.2)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-2-426-10	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-49-426-10	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R4306
Fig. 2	THT-103-426-10	Polyimide	Amber	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R4306
Fig. 1	THT-3-426-10	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-41-426-10	Polyimide	Amber	1.000 (25.4)	0.187 (4.8)	1.075 (27.3)	0.287 (7.3)	3.350 (85.1)	3	10,000	R4307
Fig. 2	THT-42-426-10	Polyimide	Amber	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R4306
Fig. 1	THT-51-426-10	Polyimide	Amber	1.000 (25.4)	0.250 (6.4)	1.075 (27.3)	0.375 (9.5)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-5-426-10	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-13-426-10	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R4300
Fig. 1	THT-29-426-10	Polyimide	Amber	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	10,000	R4300
Fig. 2	THT-43-426-10	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R4306
Fig. 1	THT-40-426-10	Polyimide	Amber	1.375 (34.9)	0.250 (6.4)	1.475 (37.5)	0.375 (9.5)	3.050 (77.5)	2	10,000	R4300
Fig. 2	THT-44-426-10	Polyimide	Amber	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R4302
Fig. 1	THT-28-426-10	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	1.650 (41.9)	0.250 (6.4)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-4-426-10	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R4307
Fig. 2	THT-45-426-10	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R4302
Fig. 2	THT-15-426-2.5	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R4302
Fig. 2	THT-48-426-10	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R4302
Fig. 2	THT-7-426-3	Polyimide	Amber	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-16-426-2.5	Polyimide	Amber	3.000 (76.2)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	1	2,500	R4300

## 3" Core Circuit Board ID Labels:

### B-436 Removable Polyimide Labels

Color: Amber Finish: Matte

Amber polyimide label with matte finish for thermal transfer printing. Removal silicone adhesive for temporary preprocess labeling on printed circuit board or electronic components that require clean removability.

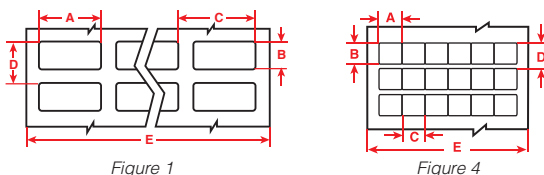


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-436-10	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R4300
Fig. 1	THT-14-436-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 1	THT-1-436-10	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307

# THT Labels: Circuit Board ID

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3" Core Circuit Board ID Labels:

## B-457 Polyimide Labels

Color: White Finish: Gloss

High temperature performance, white polyimide material with glossy finish and permanent adhesive. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. In combination with the Series R6000/R6000HF ribbons, it passes the requirements of MIL-STD-202G, Notice 12, Method 215K. Can be used with auto dispense machines.

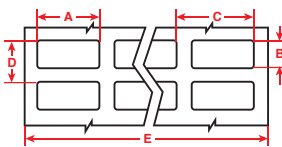


Figure 1

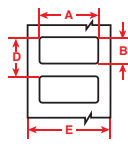


Figure 2

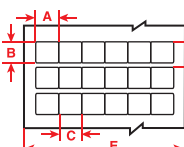


Figure 4

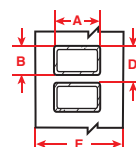


Figure 11

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-457-10	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R6002
Fig. 1	THT-70-457-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 2	THTD-70-457-12*	Polyimide	White	0.250 (6.4)	0.250 (6.4)	-	0.350 (8.9)	0.450 (11.4)	1	12,000	R6011
Fig. 1	THT-71-457-20	Polyimide	White	0.315 (8.0)	0.315 (8.0)	0.375 (9.5)	0.415 (10.5)	2.390 (60.7)	6	20,000	R6000
Fig. 1	THT-38-457-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-457-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6002
Fig. 2	THT-97-457-10	Polyimide	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-457-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-457-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-457-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-457-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 11	THT-2-457-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-457-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-457-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-42-457-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-58-457-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-457-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-13-457-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-457-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 1	THT-40-457-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	1.475 (37.5)	0.375 (9.5)	3.050 (77.5)	2	10,000	R6002
Fig. 2	THT-44-457-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R6006
Fig. 1	THT-4-457-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-45-457-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-60-457-10	Polyimide	White	1.500 (38.1)	0.125 (3.2)	-	0.225 (5.7)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-72-457-10	Polyimide	White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	10,000	R6000
Fig. 2	THT-15-457-2.5	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-48-457-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000
<p><b>NOTICE BBP<sup>®</sup>11 PRINTER ONLY:</b> The following part numbers ending with "-SC" are 1" Small Core Rolls specially designed for use in the BBP<sup>®</sup>11 Printer and do not require the BBP<sup>®</sup>11 media adaptor accessory. View page 68 for more information.</p>											
Fig. 1	THT-1-457-5-SC	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	5,000	R6013
Fig. 2	THT-103-457-5-SC	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	5,000	R6013
Fig. 2	THT-58-457-5-SC	Polyimide	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	5,000	R6013
Fig. 2	THT-59-457-2.5-SC	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	2,500	R6013
Fig. 2	THT-43-457-5-SC	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	5,000	R6013
Fig. 2	THT-45-457-5-SC	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	5,000	R6013

## 3" Core Circuit Board ID Labels:

### B-473 Electrostatic Dissipative Polyester Labels

Color: Clear Finish: Gloss

White polyester with glossy finish used for printed circuit board and electronic component post-process labeling. Features a permanent static dissipative adhesive and a static dissipative release liner. Surface resistivity values in the recommended range for dissipative ESD packing materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

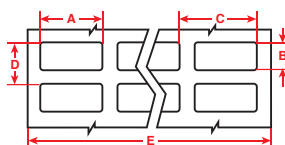


Figure 1

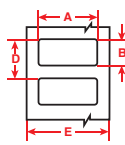


Figure 2

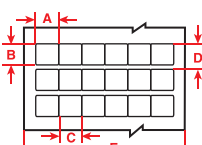


Figure 4

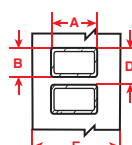


Figure 11

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-473-10	Polyester	White	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R6002
Fig. 1	THT-70-473-20	Polyester	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-38-473-10	Polyester	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-473-10	Polyester	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6002
Fig. 1	THT-36-473-10	Polyester	White	0.500 (12.7)	0.200 (5.1)	0.625 (15.9)	0.300 (7.6)	3.200 (81.3)	5	10,000	R6002
Fig. 1	THT-96-473-10	Polyester	White	0.500 (12.7)	0.275 (7.0)	0.600 (15.2)	0.375 (9.5)	2.500 (63.5)	4	10,000	R6002
Fig. 2	THT-97-473-10	Polyester	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-473-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-473-10	Polyester	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-57-473-10	Polyester	White	0.700 (17.8)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	R6007
Fig. 1	THT-1-473-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-473-10	Polyester	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 11	THT-2-473-10	Polyester	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-473-10	Polyester	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-473-10	Polyester	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-3-473-10	Polyester	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-5-473-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-58-473-10	Polyester	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-473-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-13-473-10	Polyester	White	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-473-10	Polyester	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 1	THT-4-473-10	Polyester	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-45-473-10	Polyester	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-15-473-2.5	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-48-473-10	Polyester	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000

## Did You Know? Custom Label Offerings

Don't see a stock label in the size, configuration or color needed for your particular application?

Brady offers custom label capability for many of the materials in this catalog. Our dedicated, experienced custom quoting team can provide pricing for your unique label needs.

Contact Brady Customer Service at 1-888-272-3946 for more information and to order your custom labels.



# THT Labels: Circuit Board ID

www.BradyID.com

Benchtop Thermal Transfer Labels

3" Core Circuit Board ID Labels:

## B-476 Polyimide Labels

Color: Light Green Finish: Gloss

Light green polyimide material with glossy finish and permanent adhesive. Used in printed circuit board and electronic component preprocess labeling. In combination with the Series R600/R600HF ribbons, it meets the requirements of MIL-STD-202G, Method 215K and complies with JIG-101.

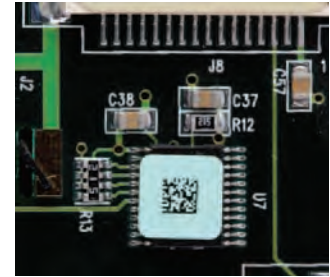
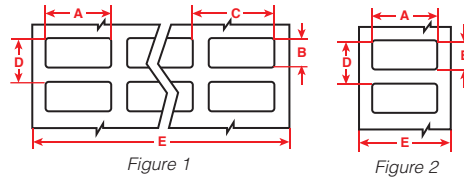


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-70-476-20	Polyimide	Light Green	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-14-476-10	Polyimide	Light Green	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-476-10	Polyimide	Light Green	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 2	THT-46-476-10	Polyimide	Light Green	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 1	THT-2-476-10	Polyimide	Light Green	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-476-10	Polyimide	Light Green	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-476-10	Polyimide	Light Green	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-476-10	Polyimide	Light Green	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-13-476-10	Polyimide	Light Green	1.250 (31.8)	0.250 (6.4)	1.300 (33.0)	0.375 (9.5)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-476-10	Polyimide	Light Green	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 1	THT-4-476-10	Polyimide	Light Green	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-45-476-10	Polyimide	Light Green	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-60-476-10	Polyimide	Light Green	1.500 (38.1)	0.125 (3.2)	-	0.225 (5.7)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-15-476-2.5	Polyimide	Light Green	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-48-476-10	Polyimide	Light Green	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000

3" Core Circuit Board ID Labels:

## B-477 Electrostatic Dissipative Polyimide Labels

Color: White Finish: Gloss

High temperature white polyimide material (2 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

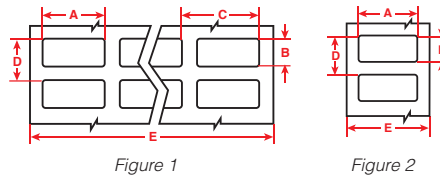


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-70-477-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-38-477-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-477-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 1	THT-96-477-10	Polyimide	White	0.500 (12.7)	0.275 (7.0)	0.600 (15.2)	0.375 (9.5)	2.500 (63.5)	4	10,000	R6002
Fig. 2	THT-97-477-10	Polyimide	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 2	THT-99-477-10	Polyimide	White	0.500 (12.7)	0.500 (12.7)	-	0.600 (15.2)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-477-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-477-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-477-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-477-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 2	THT-103-477-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-42-477-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-477-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-43-477-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 2	THT-44-477-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R6000
Fig. 2	THT-45-477-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-60-477-10	Polyimide	White	1.500 (38.1)	0.125 (3.2)	-	0.225 (5.7)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-15-477-2.5	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-48-477-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Circuit Board Identification

## 3" Core Circuit Board ID Labels:

### B-478 Electrostatic Dissipative Polyimide Labels

Color: White Finish: Gloss

High temperature, low profile white polyimide material (1 mil) with glossy finish. Features a permanent static dissipative adhesive and a static dissipative release liner. Reduced profile and thin, lighter weight label material ideal for high temperature wire marking. Surface resistivity values in the recommended range for Dissipative ESD Packaging Materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

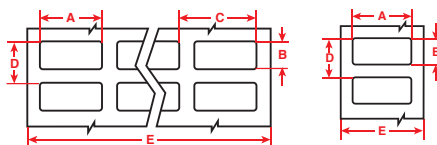


Figure 1

Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-70-478-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-71-478-20	Polyimide	White	0.315 (8.0)	0.315 (8.0)	0.375 (9.5)	0.415 (10.5)	2.390 (60.7)	6	20,000	R6000
Fig. 1	THT-38-478-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-478-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 2	THT-97-478-10	Polyimide	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-478-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-478-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-478-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-478-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 1	THT-2-478-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-478-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-478-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-3-478-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-42-478-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-5-478-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-58-478-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-478-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-29-478-10	Polyimide	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-478-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 2	THT-44-478-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R6000
Fig. 1	THT-4-478-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-45-478-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-72-478-10	Polyimide	White	1.750 (44.5)	0.250 (6.4)	-	0.350 (8.9)	1.950 (49.5)	1	10,000	R6000
Fig. 2	THT-48-478-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000

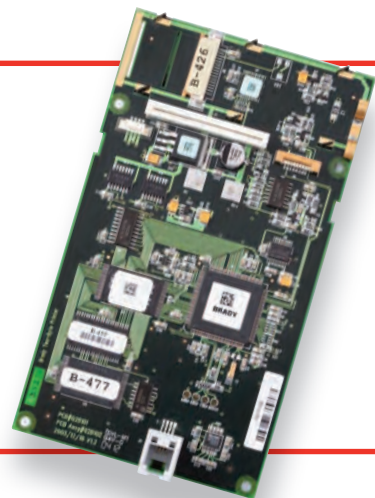


#### Did You Know?

Brady teamed up with ZESTRON, a market leader in high precision cleaning process solutions, to conduct extensive chemical compatibility testing on Brady's line of polyimide labels, which are commonly used as printed circuit board (PCB) identification labels.

According to the test results, all Brady polyimide labels submitted can successfully withstand ZESTRON's latest cleaning chemicals – these test results are critically important to circuit board manufacturers, as they ensure that Brady polyimide labels will stay adhered and legible throughout the whole circuit board production process.

To view the complete test results, visit [www.BradyID.com](http://www.BradyID.com).



# THT Labels: Circuit Board ID

www.BradyID.com

3" Core Circuit Board ID Labels:

## B-479 Electrostatic Dissipative Polyimide Labels

Color: White Finish: Matte

High temperature, low profile white polyimide material (1 mil) with a permanent static dissipative adhesive and static dissipative release liner. Similar to B-478, but with a matte topcoat, which prevents solder balls from sticking after molten wave solder exposure. Surface resistivity values in the recommended range for Dissipative ESD packaging materials. Also meets requirements of EIA-541 "Packaging Material Standards for ESD Sensitive Items."

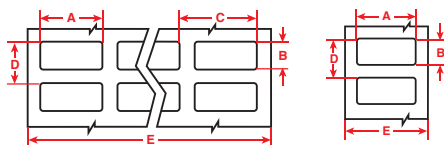


Figure 1

Figure 2

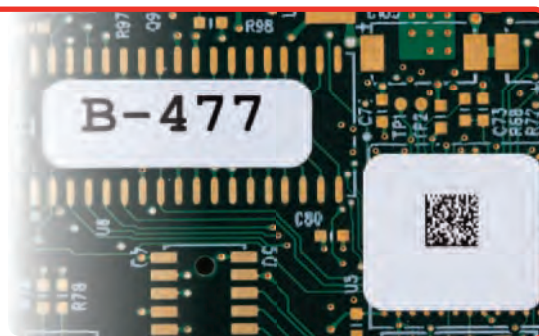


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-70-479-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-71-479-20	Polyimide	White	0.315 (8.0)	0.315 (8.0)	0.375 (9.5)	0.415 (10.5)	2.390 (60.7)	6	20,000	R6000
Fig. 1	THT-38-479-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-479-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 2	THT-99-479-10	Polyimide	White	0.500 (12.7)	0.500 (12.7)	-	0.600 (15.2)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-479-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-479-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-479-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-479-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 1	THT-2-479-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.9)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-49-479-10	Polyimide	White	0.900 (22.9)	0.250 (6.4)	-	0.350 (8.9)	1.100 (27.9)	1	10,000	R6006
Fig. 2	THT-103-479-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-3-479-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-42-479-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-5-479-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-58-479-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	-	0.475 (12.1)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-479-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-29-479-10	Polyimide	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.0)	0.475 (12.1)	2.750 (69.9)	2	10,000	R6002
Fig. 2	THT-43-479-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 2	THT-45-479-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-60-479-10	Polyimide	White	1.500 (38.1)	0.125 (3.2)	-	0.225 (5.7)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-48-479-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000



### Did You Know? Electrostatic Dissipative Labels

Brady's electrostatic dissipative labels, or ESD labels, meet the requirements of the IEC 61340-5-1 standard. ESD labels are designed to protect the static-sensitive components of your circuit boards. When the labels are peeled off of their unique ESD liner, they produce a static discharge of less than 10 volts. Available in a variety of types and sizes, Brady's ESD labels can help you reduce damages from static discharge, and keep your product cost down.



### 3" Core Circuit Board ID Labels:

## B-487 Polyimide Labels

Color: White Finish: Matte

White polyimide with a permanent adhesive and a special matte topcoat that prevents solder balls from sticking to the label after molten wave solder exposure.

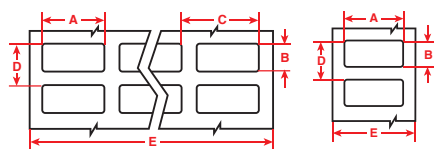


Figure 1

Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-70-487-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.320 (8.1)	0.350 (8.9)	2.370 (60.2)	7	20,000	R6000
Fig. 1	THT-38-487-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-487-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 1	THT-96-487-10	Polyimide	White	0.500 (12.7)	0.275 (7.0)	0.600 (15.2)	0.375 (9.5)	2.500 (63.5)	4	10,000	R6002
Fig. 2	THT-97-487-10	Polyimide	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 2	THT-99-487-10	Polyimide	White	0.500 (12.7)	0.500 (12.7)	-	0.600 (15.2)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-487-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-487-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-487-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-487-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 2	THT-103-487-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-42-487-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-487-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-43-487-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 2	THT-45-487-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000

### 3" Core Circuit Board ID Labels:

## B-497 Polyimide Labels

Color: White Finish: Matte

High temperature, low profile white polyimide material (1 mil) with matte finish. Designed to prevent solder balls from sticking to the label after molten wave solder exposure. Reduced profile makes it ideal for processes that demand thin or lighter weight materials as well as high temperature marking applications.

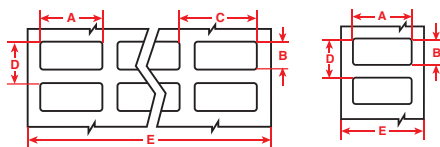


Figure 1

Figure 2

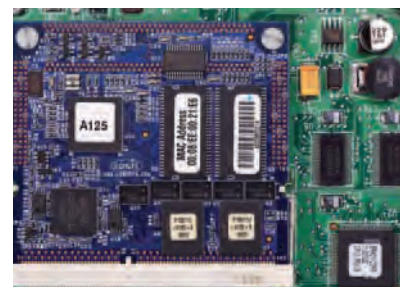


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-104-497-20	Polyimide	White	0.315 (8.0)	0.177 (4.5)	0.375 (9.5)	0.278 (7.1)	2.390 (60.7)	6	20,000	R6000
Fig. 1	THT-38-497-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R6002
Fig. 1	THT-12-497-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6007
Fig. 1	THT-96-497-10	Polyimide	White	0.500 (12.7)	0.275 (7.0)	0.600 (15.2)	0.375 (9.5)	2.500 (63.5)	4	10,000	R6002
Fig. 2	THT-97-497-10	Polyimide	White	0.500 (12.7)	0.200 (5.1)	-	0.300 (7.6)	0.700 (17.8)	1	10,000	R6011
Fig. 1	THT-14-497-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6002
Fig. 2	THT-47-497-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R6011
Fig. 1	THT-1-497-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6007
Fig. 2	THT-46-497-10	Polyimide	White	0.750 (19.1)	0.250 (6.4)	-	0.350 (8.9)	0.950 (24.1)	1	10,000	R6006
Fig. 2	THT-103-497-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	-	0.350 (8.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-42-497-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	-	0.287 (6.9)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-59-497-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 2	THT-43-497-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.9)	1.450 (36.8)	1	10,000	R6006
Fig. 1	THT-40-497-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	1.475 (37.5)	0.375 (9.5)	3.050 (77.5)	2	10,000	R6002
Fig. 2	THT-44-497-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	-	0.350 (8.9)	1.600 (40.6)	1	10,000	R6006
Fig. 2	THT-45-497-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.9)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-60-497-10	Polyimide	White	1.500 (38.1)	0.125 (3.2)	-	0.225 (5.7)	1.700 (43.2)	1	10,000	R6000
Fig. 2	THT-15-497-2.5	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6000
Fig. 2	THT-48-497-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	10,000	R6000
Fig. 2	THT-16-497-2.5	Polyimide	White	3.000 (76.2)	0.250 (6.4)	-	0.375 (9.5)	3.200 (81.3)	1	2,500	R6002

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# THT Labels: Tamper Indicating

www.BradyID.com

Benchtop Thermal Transfer Labels

Tamper Indicating



## Tamper Indicating Labels

High quality labels to protect against counterfeiting, diversion and tampering.

Brady offers an assortment of standard and custom engineered tamper indicating labels to meet your particular product protection needs. These tamper seals and tamper indicating labels provide irreversible, visible evidence of tampering to protect against warranty fraud, product tampering, alteration, and misuse or asset theft. Tamper indicating labels can protect your product's unique model and serial number, and help reduce the chance of liability issues due to unauthorized service or misuse.

**! Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

Example:

THT-5-426-10

<b>Technology:</b> Thermal Transfer	<b>Die Cut:</b> #5, 1.000" x 0.500"	<b>Package Qty:</b> 10,000
	<b>Material Number:</b> B-426, Amber, Polyimide	

### Printer Compatibility

All tamper indicating label parts shown on pages 148-150 are compatible with the following printers unless otherwise noted.

#### Recommended Printers



**Bradyprinter™  
PR Plus Printers**  
*See Page 80*



**Brady IP™ Printer**  
*See Page 76*



**BBP®81 Label Printer**  
*See Page 78*



**BBP®11 Label Printer**  
*3" Core Label Rolls are compatible when used with Media Holder accessory. See Page 68*

### 3" Core Tamper Indicating Labels:

## B-351 Destructible Vinyl Labels

Color: White Finish: Matte

White vinyl material with matte finish and permanent adhesive. Tamper evident material fractures to show signs of product tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile. Ideal for rating and serial plates.

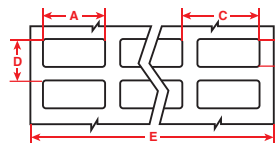


Figure 1

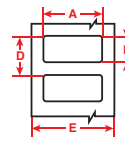


Figure 2

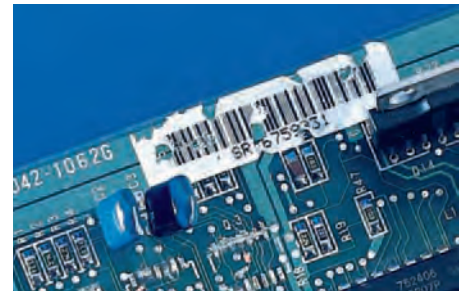


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-351-10	Vinyl	White	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6207
Fig. 1	THT-14-351-10	Vinyl	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6202
Fig. 1	THT-1-351-10	Vinyl	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6207
Fig. 1	THT-5-351-10	Vinyl	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6207
Fig. 2	THT-59-351-10	Vinyl	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6206
Fig. 1	THT-37-351-10	Vinyl	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6207
Fig. 1	THT-4-351-10	Vinyl	White	1.500 (38.1)	0.250 (6.4)	1.650 (41.9)	0.350 (8.9)	3.350 (85.1)	2	10,000	R6207
Fig. 1	THT-6-351-10	Vinyl	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6207
Fig. 2	THT-15-351-2.5	Vinyl	White	2.000 (50.8)	0.250 (6.4)	-	0.375 (9.5)	2.200 (55.9)	1	2,500	R6200
Fig. 2	THT-17-351-3	Vinyl	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6200
Fig. 2	THT-53-351-3	Vinyl	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6200
Fig. 2	THT-18-351-3	Vinyl	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6202
Fig. 2	THT-19-351-1	Vinyl	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6202

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# THT Labels: Tamper Indicating

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## 3" Core Tamper Indicating Labels:

### B-352 Destructible Vinyl Labels

Color: Silver Finish: Matte

Metallized vinyl material with matte finish and permanent adhesive. Tamper evident material fractures to show signs of product tampering and prevent one-piece label removal. Use caution when removing from liner as material is fragile. Ideal rating and serial plates.

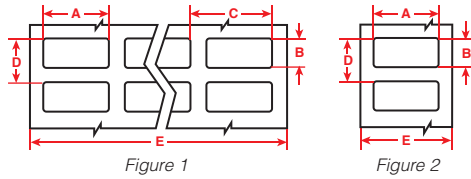


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-352-10	Vinyl	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-352-10	Vinyl	Silver	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-37-352-10	Vinyl	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-352-10	Vinyl	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-352-3	Vinyl	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-352-3	Vinyl	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-352-3	Vinyl	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-19-352-1	Vinyl	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002

## 3" Core Tamper Indicating Labels:

### B-438 Checkerboard Footprint Polyester Labels

Color: Silver Finish: Matte

Metallized polyester label with matte finish. Leaves a checkerboard footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.

Applications include rating and serial plates or any other application where evidence of label removal is desired.

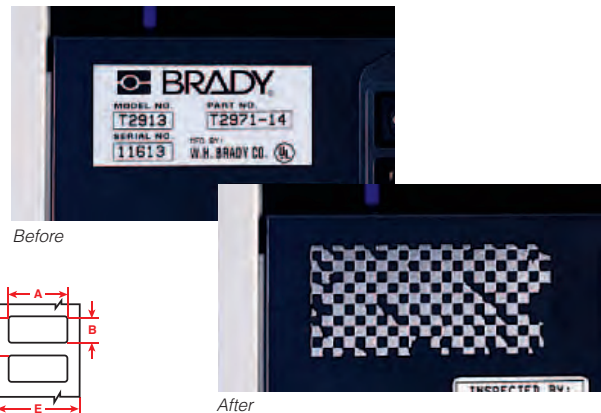
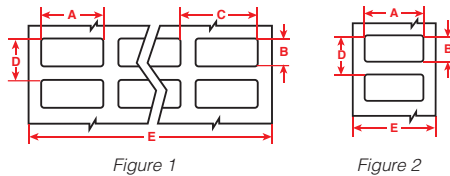


Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-438-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-14-438-10	Polyester	Silver	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 1	THT-1-438-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-5-438-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-37-438-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-6-438-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R4307
Fig. 2	THT-17-438-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-438-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-7-438-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 2	THT-18-438-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-438-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-438	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 Roll Cont.	R4300

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

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# THT Labels: Tamper Indicating

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3" Core Tamper Indicating Labels:

## B-7546 VOID Footprint Polyester Labels

Color: White Finish: Gloss

White polyester tamper-indicating material with glossy finish. Leaves a "VOID" footprint when label is removed to prevent it from being reused. The adhesive does not allow for repositioning and requires minimal handling in order to prevent a premature "VOID" pattern.

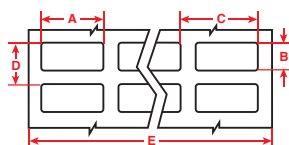


Figure 1

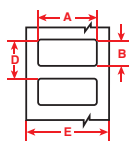


Figure 2

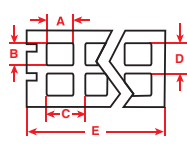


Figure 6

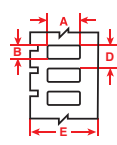


Figure 9

Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-7546-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-7546-10	Polyester	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-37-7546-10	Polyester	White	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-7546-10	Polyester	White	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-7546-3	Polyester	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-7546-3	Polyester	White	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-7546-3	Polyester	White	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-7546-3	Polyester	White	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-7546-1	Polyester	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 6	THT-149-7566-10	Polyester	Clear	0.500 (12.7)	0.500 (12.7)	0.600 (15.2)	0.625 (15.9)	2.500 (63.5)	4	10,000	R6002
Fig. 6	THT-39-7566-10	Polyester	Clear	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.625 (15.9)	3.350 (85.1)	3	10,000	R6007
Fig. 6	THT-147-7566-10	Polyester	Clear	1.500 (38.1)	0.375 (9.5)	1.650 (41.9)	0.500 (12.7)	3.350 (85.1)	2	10,000	R6007
Fig. 9	THT-17-7566-3	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 9	THT-7-7566-3	Polyester	Clear	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 9	THT-18-7566-3	Polyester	Clear	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 1	THT-5-7576-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 2	THT-59-7576-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6006
Fig. 1	THT-37-7576-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-7576-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-7576-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-7576-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-7576-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-7576-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-7576-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002



### Did You Know? - Technical Data Sheets

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords.

Visit [www.BradyID.com/techdata](http://www.BradyID.com/techdata) for more information.





## Specialty Identification Labels

Brady offers various Specialty labeling products including over-laminating materials, pre-printed labels, and more. Brady's solutions are matched to meet the needs and requirements in your industry.

**! Understanding THT Label Part Numbers**

Most label part numbers can be broken down in the following manner by the label's components.

*Example:*

### THT-5-426-10

<b>Technology:</b> Thermal Transfer	<b>Die Cut:</b> #5, 1.000" x 0.500"	<b>Material Number:</b> B-426, Amber, Polyimide
		<b>Package Qty:</b> 10,000

## Printer Compatibility

All specialty label parts shown on pages below are compatible with the following printers.

### Recommended Printers



**Bradyprinter™ PR Plus Printers**  
See Page 80



**Brady IP™ Printer**  
See Page 76



**BBP®81 Label Printer**  
See Page 78



**BBP®11 Label Printer**  
3" Core Label Rolls are compatible when used with Media Holder accessory.  
See Page 68

### 3" Core Specialty Labels:

## B-103 Overlaminating Tapes

**Color: Clear Finish: Matte**

Clear polyester over laminating tape recommended for use with most Brady materials. Place tape on top of printed materials to protect against dirt, chemicals and abrasion.

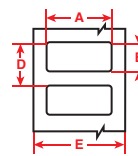


Figure 2



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
new	LAM-1-103	Polyester	Clear	0.650 (16.5)	0.200 (5.1)	0.262 (6.7)	0.850 (21.6)	1	5,000	N/A
new	LAM-2-103	Polyester	Clear	1.000 (25.4)	0.250 (6.3)	0.312 (7.9)	1.200 (30.5)	1	5,000	N/A
new	LAM-5-103	Polyester	Clear	1.000 (25.4)	0.500 (12.0)	0.562 (14.2)	1.200 (30.5)	1	2,000	N/A
new	LAM-3-103	Polyester	Clear	1.500 (38.1)	0.250 (6.3)	0.262 (6.7)	1.700 (43.18)	1	5,000	N/A
new	LAM-6-103	Polyester	Clear	1.500 (38.1)	0.750 (19.05)	0.812 (20.6)	1.700 (43.18)	1	2,000	N/A
new	LAM-7-103	Polyester	Clear	2.000 (50.8)	1.000 (25.4)	1.062 (27.0)	2.200 (55.88)	1	2,000	N/A

### 3" Core Specialty Labels:

## B-483 Polyester Labels

**Color: White Finish: Gloss**

White polyester thermal transfer label with an aggressive adhesive specifically designed for powder coated surfaces.

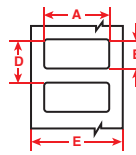


Figure 2

Labels Preprinted with:  
AV = Advertencia  
DA = Danger  
PE = Peligro  
WA = Warning



Diagram	Part Number	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THTEL-184-483-1-AV	Polyester	Orange/Black on White	3.000 (76.2)	3.000 (76.2)	3.125 (79.4)	3.200 (81.3)	1	2 rolls of 1,000	R6002
Fig. 2	THTEL-184-483-1-DA	Polyester	Red on White	3.000 (76.2)	3.000 (76.2)	3.125 (79.4)	3.200 (81.3)	1	2 rolls of 1,000	R6002
Fig. 2	THTEL-184-483-1-PE	Polyester	Red on White	3.000 (76.2)	3.000 (76.2)	3.125 (79.4)	3.200 (81.3)	1	2 rolls of 1,000	R6002
Fig. 2	THTEL-184-483-1-WA	Polyester	Orange/Black on White	3.000 (76.2)	3.000 (76.2)	3.125 (79.4)	3.200 (81.3)	1	2 rolls of 1,000	R6002
Fig. 2	THTEL-161-483-1-AV	Polyester	Orange/Black on White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-161-483-1-DA	Polyester	Red on White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-161-483-1-PE	Polyester	Red on White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-161-483-1-WA	Polyester	Orange/Black on White	4.000 (101.6)	4.000 (101.6)	4.125 (104.8)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-25-483-5-DA	Polyester	Red on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	500	R6007
Fig. 2	THTEL-25-483-5-WA	Polyester	Orange/Black on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	500	R6007
Fig. 2	THTEL-25-483-1-AV	Polyester	Orange/Black on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-25-483-1-DA	Polyester	Red on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-25-483-1-PE	Polyester	Red on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	2 rolls of 1,000	R6007
Fig. 2	THTEL-25-483-1-WA	Polyester	Orange/Black on White	6.000 (152.4)	4.000 (101.6)	6.125 (155.6)	4.200 (106.7)	1	2 rolls of 1,000	R6007

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

# Thermal Transfer Ribbons

www.BradyID.com

Benchmark Thermal Transfer Ribbons



## Thermal Transfer Printer Ribbons

All Brady print ribbons are developed to meet the performance requirements of the materials printed. The combination of the ribbon and label material determine the success of the legend performance. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

**! Printer Specific Ribbons**

Look for other printer specific ribbon cartridges on pages:

TLS 2200® Printer ..... page 53

TLS PC Link™ Printer ... page 53

BMP®71 Printer ..... page 66

BBP®31 Printer ..... page 162

### Ribbon Characteristics

	4300 Series	4400 Series	4500 Series	4900 Series	6000 Series	6000HF Series	6100 Series	6200 Series	6400 Series	6600 Series	6700 Series	6800 Series
<b>Formulation</b>	Wax/Resin	Resin	Wax/Resin	Resin	Resin	Resin	Wax	Resin	Resin	Resin	Wax/Resin	Resin
<b>Available Colors</b>	Black	Red, Blue, Green, White	Red, Blue, Green, Silver	Black	Black	Black	Black	Black	Black	Black	White	White
<b>Performance Characteristics</b>	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.	High density, excellent solvent resistance, high heat resistance, super scratch resistance.	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.	Superb smear resistance at high temperatures. Superior solvent resistance.	High density, excellent solvent resistance, high heat resistance, super scratch resistance.	A halogen-free version of R6000 series ribbon.	Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.	Designed for harsh environment labeling applications. Superior abrasion, chemical and heat resistance.	High density, excellent solvent resistance, high heat resistance, super scratch resistance.	Diesel resistant for printing on Brady PermaSleeve and Heatex Sleeves.	High performance against scratching, smudging, and harsh chemicals.	Specialized white thermal transfer ribbon to be used on dark colored PermaSleeve HT markers.

### Ribbon Part Numbers

	4300 Series	4400 Series	4500 Series	4900 Series	6000 Series	6000HF Series	6100 Series	6200 Series	6400 Series	6600 Series	6700 Series	6800 Series
<b>Ribbons for BBP®81 Label Printer, Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer and Wraptor™ Wire ID Printer/Applicator needing core ID 1.000" and ink side out.</b>												
0.800" x 984'	—	—	—	—	R6011	—	—	R6211	—	—	—	—
1.000" x 984'	R4311	—	—	—	—	—	—	—	—	—	—	—
1.570" x 984'	R4306	—	—	—	R6006*	R6006HF	—	R6206	R6406	—	—	—
2.360" x 984'	R4302	R4400-**	R4500-**	R4902*	R6000	R6000HF	R6100	R6200	R6400	R6600	R6700-WT	R6800-WT
3.270" x 984'	R4300	R4402-**	R4502-**	R4900*	R6002*	R6002HF	R6102	R6202	R6402	R6602	R6702-WT	R6800-WT
4.330" x 984'	R4307	R4407-**	R4507-**	—	R6007*	R6007HF	R6107	R6207	R6407	R6607	R6707-WT	R6807-WT
5.120" x 984'	R4304	R4404-WT	—	R4904*	R6004	—	R6104	—	—	—	—	—
6.850" x 984'	R4308	—	—	R4908*	R6008	—	—	—	—	—	—	—
<b>Ribbons for Brady IP™ Printers needing core ID 1.000" and ink side out.</b>												
0.800" x 984'	—	—	—	—	—	—	—	—	—	—	—	—
1.000" x 984'	—	—	—	—	—	—	—	—	—	—	—	—
1.570" x 984'	IP-R4306	—	—	—	IP-R6006	IP-R6006HF	—	IP-R6206	IP-R6406	—	—	—
2.360" x 984'	IP-R4302	IP-R4400-**	IP-R4500-**	IP-R4902	IP-R6000	IP-R6000HF	IP-R6100	IP-R6200	IP-R6400	IP-R6600	IP-R6700-WT	IP-R6800-WT
3.270" x 984'	IP-R4300	IP-R4402-**	IP-R4502-**	IP-R4900	IP-R6002	IP-R6002HF	IP-R6102	IP-R6202	IP-R6402	IP-R6602	IP-R6702-WT	IP-R6800-WT
4.330" x 984'	IP-R4307	IP-R4407-**	IP-R4507-**	—	IP-R6007	IP-R6007HF	IP-R6107	IP-R6207	IP-R6407	IP-R6607	IP-R6707-WT	IP-R6807-WT
<b>Ribbons for THT Model 1024, THT Model 1244, and THT Model 1344 needing core ID 0.500" and ink side in.</b>												
4.000" x 360'	R4301	—	—	R4901	R6001	—	R6101	R6201	R6401	—	—	—
<b>Ribbons for THT Model 4042 and Intermec 3440 printers needing core ID 1.000" and ink side out.</b>												
1.570" x 500'	R4303	—	—	—	R6003	—	—	—	—	—	—	—
2.360" x 500'	R4305	—	—	—	R6005	—	—	—	—	—	—	—
4.330" x 500'	R4309	—	—	—	R6009	—	R6109	—	—	—	—	—
<b>Ribbons for Brady BBP®11 Printers needing core ID 0.500" and ink side out.</b>												
4.000" x 242'	R4313	R4413-WT	R4513-SV†	R4913	R6013	R6013HF	—	R6213	R6413	R6613	—	—

\* Available on fiber or plastic cores for clean room applications. When ordering, please include "PC" at the end of the ribbon part number. Example: R6006PC.  
 \*\* For R4400 and R4500 series ribbons, replace the double asterisk (\*\*) with a color selection. Color abbreviations are WT, BK, RD, BL, GR, SV. Not all colors available in all sizes.  
 † R4513-SV is a 2.2" ribbon on a 4.330" core

**! Understanding Ribbon Part Numbers:**

Example: **R4311**

**Ribbon Series:** R4300 Series

**Ribbon Dimension:** 1.000" x 984'

**Calculate How Many Labels Per THT Ribbons**

Standard THT ribbons are 984 feet long (unless otherwise noted).

**Step 1:** 984 feet = 11,808 inches

**Step 2:** 11,808 inches ÷ label vertical repeat = total label rows per ribbon

**Step 3:** total label rows per ribbon x number of labels across = total labels per ribbon

# Thermal Transfer Ribbons

www.BradyID.com

## Ribbon / Material Cross-Reference Guide

To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

●	Recommended ribbon for use with respective material.
▲	Acceptable ribbon for use with respective material.
UL	Materials are UL recognized with its respective ribbon.
CSA	Materials are CSA approved with its respective ribbon.

B-#	Material	R4300	R4400	R4500	R4900	R6000	R6000HF	R6100	R6200	R6400	R6600	R6700	R6800
B-342	PermaSleeve	●	—	● Silver	—	—	—	—	—	—	●	● White	—
B-345	PermaSleeve	—	▲ White	—	—	●	—	—	—	—	▲	—	● White
B-350	Polyester/Paper	—	▲	—	● UL	▲	—	—	—	—	—	—	—
B-351	Vinyl	—	—	—	—	▲	—	—	●	—	—	—	—
B-352	Vinyl	—	—	—	—	● UL	—	—	—	—	—	—	—
B-358	Acetate	—	● White	—	—	—	—	—	●	—	—	—	—
B-367	Polypropylene	—	▲	—	—	● UL	● UL	—	—	—	—	—	—
B-390	Polypropylene	—	—	—	—	●	—	—	▲	—	—	—	—
B-402	Paper	▲	—	—	—	—	—	●	—	—	—	—	—
B-407	Polyolefin	—	▲ White	—	▲	—	—	—	●	—	—	—	—
B-408	Paper	—	—	—	—	—	—	●	—	—	—	—	—
B-411	Polyolefin Tag	●	—	—	—	—	—	—	—	—	—	—	—
B-412	Polypropylene Tag	▲	—	—	—	—	—	—	●	—	—	—	—
B-413	Polyester	—	●	—	▲	● UL	● UL	—	▲ UL	—	—	—	—
B-422	Polyester	—	●	—	▲ UL	● UL/CSA	● UL	—	—	—	—	—	—
B-423	Polyester	—	●	—	▲ UL	● UL/CSA	● UL	—	▲	—	—	—	—
B-424	Paper	●	—	▲	—	—	—	▲	—	—	—	—	—
B-425	Polypropylene	● UL/CSA	—	●	—	—	—	—	● UL/CSA	● UL/CSA	—	—	—
B-426	Polyimide	●	—	—	—	—	—	—	—	—	—	—	—
B-427	Vinyl	● UL	—	▲	—	—	—	—	▲ UL	—	—	—	—
B-428	Polyester	● UL/CSA	—	—	—	—	—	—	▲ CSA	—	—	—	—
B-430	Polyester	—	▲	—	▲ UL	● UL/CSA	● UL	—	▲	—	—	—	—
B-432	Polyester	—	▲	—	▲ UL	● UL/CSA	●	—	▲	—	—	—	—
B-433	Polyester	—	—	—	▲ UL	—	—	—	—	—	—	—	—
B-434	Polyester	—	—	—	● UL/CSA	● UL/CSA	●	—	—	—	—	—	—
B-435	Polyester	—	—	—	▲ UL	● UL/CSA	● UL	—	—	—	—	—	—
B-436	Polyimide	●	—	—	—	—	—	—	—	—	—	—	—
B-438	Polyester	● UL/CSA	—	▲	—	—	—	—	—	—	—	—	—
B-439	Vinyl	—	▲ white	—	▲	●	—	—	—	—	—	—	—
B-449	Polyolefin	▲	—	—	—	—	—	—	●	—	—	—	—
B-457	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-459	Polyester	—	▲ UL	—	▲ UL/CSA	● UL/CSA	●	—	—	—	—	—	—
B-464	Polyester	—	—	—	—	●	—	—	—	—	—	—	—
B-473	Polyester	—	—	—	▲ UL	● UL/CSA	●	—	—	—	—	—	—
B-477	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-478	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-479	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-480	Polyester	—	●	—	▲	● UL	● UL	—	▲ UL	—	—	—	—
B-483	Polyester	—	▲	—	▲ UL	● UL/CSA	● UL	—	—	—	—	—	—
B-484	Polyester	—	▲	—	▲ UL	● UL	● UL	—	—	—	—	—	—
B-486	Polyester	● UL/CSA	—	—	—	—	—	—	▲ CSA	—	—	—	—
B-487	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-488	Polyester	● UL/CSA	—	—	—	—	—	—	▲ UL/CSA	—	—	—	—
B-489	Polyester	● UL/CSA	—	—	—	—	—	—	▲ UL/CSA	—	—	—	—
B-497	Polyimide	—	—	—	—	● UL	● UL	—	—	—	—	—	—
B-498	Vinyl Cloth	▲ UL	—	—	—	▲	—	—	● UL	—	—	—	—
B-499	Nylon	▲ UL/CSA	—	▲	● UL/CSA	▲ UL	▲	—	▲	—	—	—	—
B-508	Nomex® Tag	●	—	—	—	—	—	—	—	—	—	—	—
B-593	Polyester	—	● UL/White	—	—	● UL	● UL	—	—	—	—	—	—
B-7546	Polyester	—	▲	—	—	● UL/CSA	—	—	—	—	—	—	—
B-7566	Polyester	—	●	—	—	●	●	—	—	—	—	—	—
B-7576	Polyester	—	▲	—	—	● UL	●	—	—	—	—	—	—
B-7641	Polyolefin	●	—	—	—	●	●	—	—	—	●	—	—
B-7642	Polyolefin	●	—	—	—	—	—	—	—	●	●	—	—
B-7643	Polyurethane	—	● White	—	▲	●	—	—	—	—	—	—	—
B-8423	Polyester	—	▲	—	—	▲ UL/CSA	—	—	● UL/CSA	—	—	—	—
B-8425	Polypropylene	—	▲	—	—	● UL/CSA	—	—	—	—	—	—	—

Nomex® is a registered trademark of DuPont.

# BBP<sup>®</sup>31 Sign & Label Printer

www.BradyID.com/bbp31

Benchtop Thermal Transfer Printers

BBP<sup>®</sup>31 Sign & Label Printer

**NEW!**



## BBP<sup>®</sup>31 SIGN & LABEL PRINTER

### Facility, Safety and Lean/5S Labels in Seconds!

#### Seriously Simple Operation.

- Large touch-screen display with “touch and drag” moving and sizing
- 2-touch printing – just walk up and print!
- Smart chip supplies for automatic formatting
- Full size fold-down keyboard
- Stand alone or PC-connect operation

#### Chock-full Of Capabilities.

- Prints labels from 1/2” to 4” wide
- 192 built-in graphics, with quick import options
- Wizard-style applications for pipe ID, arc flash, and RTK chemical labels
- Templates for common label styles and a library of 266 pre-made “pick and print” signs and labels

 **Online Video:**  
[www.BradyID.com/bbp31](http://www.BradyID.com/bbp31)

**Your Complete Printing Solution:**  
BBP31 Label Rolls..... Page 156-161  
BBP31 Print Ribbons..... Page 162



Smart chip material and ribbon cartridges for auto formatting

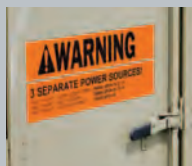


Large touch-screen display with “touch and drag”

**Just walk up and print. So simple, your whole team can use it.**



Industrial Labeling



Cable Tray & Electrical ID



Arc Flash Labels



Lean & 5S Labeling



Raised Panel Labels



Safety ID ...And More!

# BBP<sup>®</sup>31 Sign & Label Printer

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## BBP<sup>®</sup>31 Sign & Label Printer Specifications

<b>Description</b>	Produces Facility & Safety labels for indoor and up to 10-year outdoor use. Built-in auto-tape cut-off and full smart chip enabled supplies for hassle-free drop lock and print loading and changeover.
<b>Applications &amp; Other Comments</b>	For facility ID such as signs, pipe markers, lean/5S, arc flash labels, chemical labels, equipment labels, reflective and glow-in-dark ID, tags, magnetic and panel labels. Widest selection of colored labels, colored ribbons and outdoor grade labels.
<b>Recommended Throughput &amp; Operational Hours</b>	600 2"x4" labels per day 300 larger labels per day 3 hrs / 5 days
<b>Print Technology</b>	Thermal Transfer
<b>Print Resolution</b>	300 dpi
<b>Max Print Speed</b>	3" per sec
<b>Max Print Width</b>	4.000"
<b>Media Widths</b>	0.500" to 4.250"
<b>Minimum Label Dimension</b>	0.500"
<b>Color Capabilities</b>	Monocolor
<b>PC Connect or Stand Alone</b>	PC Connect and Stand Alone
<b>Connectivity Options</b>	Standard: USB
<b>Compatible Software</b>	MarkWare™ Software, Windows® based driver for 3rd party software use*

## Specialty Material Recommendations

<b>B-593 Raised Panel Labels</b>	Yes (Recommended)
<b>Nomex® Tags</b>	N/A
<b>B-330 Polyolefin Heat Shrink Wrap</b>	N/A
<b>PermaSleeve® PS &amp; HT</b>	N/A
<b>PermaSleeve® ZH</b>	N/A
<b>PermaSleeve® HX</b>	N/A
<b>Double-Sided PermaSleeve®</b>	N/A

U.S. Patent Nos. 5,318,370; 5,823,689; 6,570,602.  
Additional Patents Pending.

## BBP<sup>®</sup>31 Printer and Accessories

Catalog #	Description
BBP31	BBP31 Sign & Label Printer*
B31-WIPER	5pk Extra BBP31 Media Wiper
B31-STYLUS	3pk Extra BBP31 Replacement Stylus
B31-CCT	Extra BBP31 Cutter Cleaning Tool
B31-DC	BBP31 Dust Cover

\*BBP31 Sign & Label Printer includes power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide and documentation holder

## BBP<sup>®</sup>31 Printer Value Packages

Save when you purchase our two most common accessories with your printer. Powerful and easy-to-use software takes your label-making muscle to even higher levels. Add to that the protection of a Brady 360 Basic plan and you'll have the piece of mind knowing that your printer will be ready to work for you whenever you need it.

### BRADY 360 Brady 360<sup>®</sup> Printer Protection Plans

- **Brady 360 Basic Plan**  
3 years total warranty coverage and access to a loaner printer if your covered printer is in for service.
- **Brady 360 Preferred Plan**  
The same warranty and loaner access as the basic plan, plus one free Preventive Maintenance Service, free printer firmware upgrades, and two free hours of Advanced Professional Tech Support Services.

For additional information & details visit [www.BradyID.com/brady360](http://www.BradyID.com/brady360)



### MarkWare™ Facility Identification Software

Create labels on your PC with this robust easy to use software.

- Template wizard walks you through label creation process
- Create custom safety signs & labels including ANSI signs, Lockout Tags, RTK chemical labels and custom labels with bar codes and graphics.
- Build-in graphics and 2,000 chemical database

For more information view page 9 or visit [www.BradyID.com/markware](http://www.BradyID.com/markware)

### BBP31 Printer Value Packages

Catalog #	Description
BBP31-360B	BBP31 Printer with Brady 360 Basic Plan
BBP31-360P	BBP31 Printer with Brady 360 Preferred Plan
BBP31-360B-MWS	BBP31 Printer with Brady 360 Basic Plan and MarkWare Standard Software**
BBP31-360P-MWS	BBP31 Printer with Brady 360 Preferred Plan and MarkWare Standard Software**

\*BBP31 Sign & Label Printer includes power cord, USB cable, drivers CD, stylus, cleaning kit, cutter cleaning tool, quick start guide and documentation holder

\*\*Current MarkWare owners: Markware v3.8.1 or higher required for use with BBP31, and MarkWare v3.7 or higher required to upgrade to v3.8.1. Both upgrades are free and available at [www.BradyID.com](http://www.BradyID.com).



# BBP<sup>®</sup>31 Sign & Label Printer Materials

www.BradyID.com/bbp31

Benchtop Thermal Transfer Printers

## Indoor/Outdoor Vinyl (B-595)

For general facility and safety identification:  
Our best industrial vinyl yet.

- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to "difficult" low-surface energy items (PVC piping, blow-molded equipment cases, ABS plastics, recycled plastics)

Service temp: -40°F to 180°F Application temp: 0°F to 180°F  
Average Outdoor Durability: 8-10 years



NOTE: Use B30-R10000 black or colored ribbons. See page 162 for all BBP<sup>®</sup>31 Ribbon part numbers.

	4.0" x 100' (101.6 mm x 30.5 m)	3.0" x 100' (76.2 mm x 30.5 m)	2.25" x 100' (57.15 mm x 30.5 m)	1.125" x 100' (28.575 mm x 30.5 m)	0.5" x 100' (12.7 mm x 30.5 m)
White	B30C-4000-595-WT	B30C-3000-595-WT	B30C-2250-595-WT	B30C-1125-595-WT	B30C-500-595-WT
Yellow	B30C-4000-595-YL	B30C-3000-595-YL	B30C-2250-595-YL	B30C-1125-595-YL	B30C-500-595-YL
Red	B30C-4000-595-RD	-	B30C-2250-595-RD	B30C-1125-595-RD	B30C-500-595-RD
Blue	B30C-4000-595-BL	-	B30C-2250-595-BL	B30C-1125-595-BL	B30C-500-595-BL
Green	B30C-4000-595-GN	-	B30C-2250-595-GN	B30C-1125-595-GN	B30C-500-595-GN
Orange	B30C-4000-595-OR	-	B30C-2250-595-OR	B30C-1125-595-OR	B30C-500-595-OR
Black	B30C-4000-595-BK	-	B30C-2250-595-BK	B30C-1125-595-BK	B30C-500-595-BK
Brown	B30C-4000-595-BR	-	B30C-2250-595-BR	B30C-1125-595-BR	B30C-500-595-BR
Gold	B30C-4000-595-GD	-	B30C-2250-595-GD	B30C-1125-595-GD	B30C-500-595-GD
Gray	B30C-4000-595-GY	-	B30C-2250-595-GY	B30C-1125-595-GY	B30C-500-595-GY
Purple	B30C-4000-595-PL	-	B30C-2250-595-PL	B30C-1125-595-PL	B30C-500-595-PL
Clear	B30C-4000-595-CL	-	B30C-2250-595-CL	B30C-1125-595-CL	B30C-500-595-CL

## Low-Halide Polyester (B-569)

For labeling stainless steel and smooth surfaces.

- Low-halide content for labeling stainless steel pipes and surfaces
- Applies best to very smooth surfaces and ideal for mounting to rigid panels

Service temp: -40°F to 212°F Application temp: 0°F to 212°F  
Average Outdoor Durability: 3-5 years



NOTE: Use B30-R10000 black or colored ribbons. See page 162 for all BBP<sup>®</sup>31 Ribbon part numbers.

	4.0" x 100' (101.6 mm x 30.5 m)	3.0" x 100' (76.2 mm x 30.5 m)	2.25" x 100' (57.15 mm x 30.5 m)	1.125" x 100' (28.575 mm x 30.5 m)	0.5" x 100' (12.7 mm x 30.5 m)
Clear	B30C-4000-569-CL	-	B30C-2250-569-CL	B30C-1125-569-CL	B30C-500-569-CL
White	B30C-4000-569-WT	B30C-3000-569-WT	B30C-2250-569-WT	B30C-1125-569-WT	B30C-500-569-WT
Yellow	B30C-4000-569-YL	-	B30C-2250-569-YL	B30C-1125-569-YL	B30C-500-569-YL
Red	B30C-4000-569-RD	-	B30C-2250-569-RD	B30C-1125-569-RD	B30C-500-569-RD
Blue	B30C-4000-569-BL	-	B30C-2250-569-BL	B30C-1125-569-BL	B30C-500-569-BL
Light Blue	B30C-4000-569-LB	-	B30C-2250-569-LB	B30C-1125-569-LB	B30C-500-569-LB
Sky Blue	B30C-4000-569-SB	-	B30C-2250-569-SB	B30C-1125-569-SB	B30C-500-569-SB
Green	B30C-4000-569-GN	-	B30C-2250-569-GN	B30C-1125-569-GN	B30C-500-569-GN
Orange	B30C-4000-569-OR	-	B30C-2250-569-OR	B30C-1125-569-OR	B30C-500-569-OR
Black	B30C-4000-569-BK	-	B30C-2250-569-BK	B30C-1125-569-BK	B30C-500-569-BK
Brown	B30C-4000-569-BR	-	B30C-2250-569-BR	B30C-1125-569-BR	B30C-500-569-BR
Ochre	B30C-4000-569-OC	-	B30C-2250-569-OC	B30C-1125-569-OC	B30C-500-569-OC
Tan	B30C-4000-569-TN	-	B30C-2250-569-TN	B30C-1125-569-TN	B30C-500-569-TN
Gray	B30C-4000-569-GY	-	B30C-2250-569-GY	B30C-1125-569-GY	B30C-500-569-GY
Purple	B30C-4000-569-PL	-	B30C-2250-569-PL	B30C-1125-569-PL	B30C-500-569-PL
Pink	B30C-4000-569-PK	-	B30C-2250-569-PK	B30C-1125-569-PK	B30C-500-569-PK

U.S. Patent Nos. 5,318,370; 5,823,689; 6,570,602.  
Additional Patents Pending.

BBP<sup>®</sup>31 Sign & Label Printer

# BBP®31 Sign & Label Printer Materials

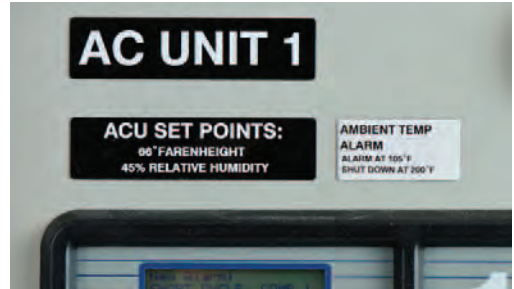
www.BradyID.com/bbp31

## Raised Profile Labels - Engraved Plate Substitutes (B-593) (Available Nov. 2011)

Costs up to 80% less than engraved legend plates.

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive. 0.70mm thick
- High performance, low cost substitute to engraved plates
- 10-year outdoor durability rating
- On-demand labeling: labels print out in less than 4 seconds
- Flexible labeling options: 6 colors, 7 rectangular sizes, 5 pushbutton sizes (including keyed and non-keyed 22.5mm and 30.5mm hole dia keyed)

Service temp: -4°F to 212°F Application temp: 50°F to 212°F  
Average Outdoor Durability: Up to 10 years

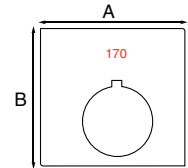
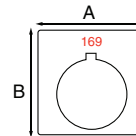
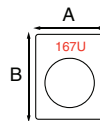
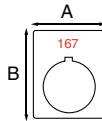
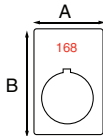


**Cost Savings Example:**

A 1" x 2" rectangular raised profile label costs approximately \$0.60, lasts up to 10 years outdoors and prints in seconds! A 22.5mm pushbutton label will cost you about \$0.32!



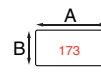
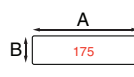
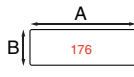
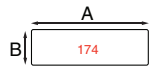
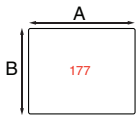
### Push Button Style



NOTE: Use black ribbon B30-R6000 or white ribbon B30-R4400-WT with these part numbers. See page 162 for all BBP®31 Ribbon part numbers.

	1.9" x 1.2" (48.26 x 30.5mm) 22.5mm dia keyed hole 180 labels/roll	1.5" x 1.2" (38.1 x 30.5mm) 22.5mm dia keyed hole 235 labels/roll	1.5" x 1.2" (38.1 x 30.5mm) 22.5mm dia no key hole 235 labels/roll	1.8" x 1.8" (45.7 x 45.7mm) 30.5mm dia keyed hole 190 labels/roll	2.4" x 2.4" (60.9 x 60.9mm) 30.5mm dia keyed hole 145 labels/roll
White	B30EP-168-593-WT	B30EP-167-593-WT	B30EP-167U-593-WT	B30EP-169-593-WT	B30EP-170-593-WT
Black	B30EP-168-593-BK	B30EP-167-593-BK	B30EP-167U-593-BK	B30EP-169-593-BK	B30EP-170-593-BK
Red	B30EP-168-593-RD	B30EP-167-593-RD	B30EP-167U-593-RD	B30EP-169-593-RD	B30EP-170-593-RD
Green	B30EP-168-593-GN	B30EP-167-593-GN	B30EP-167U-593-GN	B30EP-169-593-GN	B30EP-170-593-GN
Yellow	B30EP-168-593-YL	B30EP-167-593-YL	B30EP-167U-593-YL	B30EP-169-593-YL	B30EP-170-593-YL

### Rectangular Style



NOTE: Use black ribbon B30-R6000 or white ribbon B30-R4400-WT with these part numbers. See page 162 for all BBP®31 Ribbon part numbers.

	2.5" x 3.0" (63.5 x 76.2mm) 145 labels/roll	1.0" x 4.0" (25.4 x 101.6mm) 340 labels/roll	1.0" x 3.0" (25.4 x 76.2mm) 340 labels/roll	0.75" x 3.0" (19.05 x 76.2mm) 435 labels/roll	1.0" x 2.0" (25.4 x 50.8mm) 340 labels/roll	0.59" x 1.77" (14.9 x 44.9mm) 510 labels/roll	0.49" x 1.06" (12.4 x 26.9mm) 610 labels/roll
White	B30EP-177-593-WT	B30EP-174-593-WT	B30EP-176-593-WT	B30EP-175-593-WT	B30EP-173-593-WT	B30EP-172-593-WT	B30EP-171-593-WT
Black	B30EP-177-593-BK	B30EP-174-593-BK	B30EP-176-593-BK	B30EP-175-593-BK	B30EP-173-593-BK	B30EP-172-593-BK	B30EP-171-593-BK
Silver	-	B30EP-174-593-SL	-	-	B30EP-173-593-SL	B30EP-172-593-SL	B30EP-171-593-SL
Red	-	B30EP-174-593-RD	-	-	B30EP-173-593-RD	B30EP-172-593-RD	B30EP-171-593-RD
Green	B30EP-177-593-GN	B30EP-174-593-GN	B30EP-176-593-GN	B30EP-175-593-GN	B30EP-173-593-GN	B30EP-172-593-GN	B30EP-171-593-GN
Yellow	B30EP-177-593-YL	B30EP-174-593-YL	B30EP-176-593-YL	B30EP-175-593-YL	B30EP-173-593-YL	B30EP-172-593-YL	B30EP-171-593-YL

# BBP®31 Sign & Label Printer Materials

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## Continuous Non-Adhesive Tag Stock (B-551)

- Non-adhesive, semi rigid card stock
- Easy to hole-punch, staple or tack into place
- Great choice for Kanban cards and other lean and 5S card-in-pocket applications

Service temp: -40°F to 193°F Average Outdoor Durability: up to 2 years  
Thickness: 0.35mm

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	4.25" x 50' (107.9mm x 15.3m)	3.25" x 50' (82.6mm x 15.3m)	2.5" x 50' (63.5mm x 15.3m)
White 	B30C-4250-551-WT	B30C-3250-551-WT	B30C-2500-551-WT

## Repositionable Vinyl (B-581)



For 5S and lean applications.

- Aggressive adhesive stays in place but removes cleanly without leaving adhesive residue
- Ideal for temporary, removable, and repositionable labels, like 5S and lean inventory labels

Service temp: -40°F to 180°F Application temp: 50°F to 180°F  
Average Outdoor Durability: 5 years

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	4.0" x 100' (101.6mm x 30.2m)	2.25" x 100' (57.2 mm x 30.2m)	1.125" x 100' (28.6 mm x 30.2m)	0.5" x 100' (12.7mm x 30.2m)
White 	B30C-4000-581-WT	B30C-2250-581-WT	B30C-1125-581-WT	B30C-500-581-WT
Yellow 	B30C-4000-581-YL	B30C-2250-581-YL	B30C-1125-581-YL	B30C-500-581-YL

## Printable Magnetic Supply (B-509)



Easiest and quickest material for removing and repositioning.

- Non-adhesive magnetic material that can be printed on directly
- Ideal for reusable and repositionable identification applications

Service temp: 0°F to 158°F  
Average Outdoor Durability: 3 to 5 years

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	4.25" x 25' (107.9mm x 7.6m)	2.5" x 25' (63.5mm x 7.6m)
White 	B30C-4250-509-WT	B30C-2500-509-WT
Yellow 	B30C-4250-509-YL	B30C-2500-509-YL

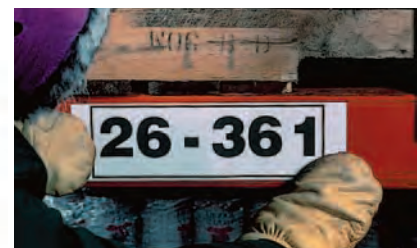
## Cold Temperature Application Material (B-549)



For identification in temperatures as cold as -40°F.

- Special adhesive permanently adheres to extremely cold surfaces
- Can be applied in -10°F and lasts in -40°F
- Ideal for cold storage warehouses, coolers, freezers, and short-term winter outdoor use

Service temp: -40°F to 212°F Application temp: -10°F to 212°F  
Average Outdoor Durability: up to 1 year

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	4.0" x 100' (101.6mm x 30.2m)	2.25" x 100' (57.2 mm x 30.2m)	1.125" x 100' (28.6 mm x 30.2m)
White 	B30C-4000-549-WT	B30C-2250-549-WT	B30C-1125-549-WT
Yellow 	B30C-4000-549-YL	B30C-2250-549-YL	B30C-1125-549-YL

## BradyGlo™ High-Intensity Photoluminescent Tape (B-526)

For glow-in-the-dark identification up to 10 hours!

- Designed for directional and evacuation marking
- Ideal for marking emergency utility shut-offs, fire extinguishers, alarm pulls, and vital equipment controls
- Complies with indoor use requirements specified in RS 6-1 and 6-1A of New York Local Law 26

Service temp: -40°F to 140°F Application temp: 40°F to 140°F

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	2.25" x 50' (57.2 mm x 15.3m)	1.125" x 50' (28.6 mm x 15.3m)
Luminous Green 	B30C-2250-526	B30C-1125-526

## Retro Reflective Tape (B-584)




For highly reflective identification that shines back brightly when struck by light.

- Ideal for labeling outdoor utility poles and pedestals, jobsite equipment and roof-top equipment
- Recommended low light or inclement weather conditions

Service temp: -40°F to 158°F  
Application temp: 0°F to 158°F (yellow & orange), 50°F to 158°F (silver)  
Average Outdoor Durability: 4 to 6 years

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.



	4.0" x 50' (101.6mm x 15.3m)	2.25" x 50' (57.2mm x 15.3m)	1.125" x 50' (28.6mm x 15.3m)
Reflective Silver 	B30C-4000-584-SL	B30C-2250-584-SL	B30C-1125-584-SL
Reflective Yellow 	B30C-4000-584-YL	B30C-2250-584-YL	B30C-1125-584-YL
Reflective Orange 	B30C-4000-584-OR	B30C-2250-584-OR	B30C-1125-584-OR

## Tamper Evident Metallized Polyester Tape (B-438) And High Temp Metallized Polyester Tape (B-565)


For secure identification that indicates if it has been tampered with.

- B-438 tape leaves a "checkerboard" footprint if removed and a checkerboard also appears on top surface of label to prevent label re-use
- B-565 material has a high upper temperature rating and is not tamper evident
- Ideal for product rating plates, product warranty labels and asset identification labels

B-438: Service temp: -40°F to 104°F Application temp: 50°F to 104°F  
B-565: Service temp: -40°F to 230°F Application temp: 0°F to 230°F

NOTE: Use black ribbon B30-R4300 with these part numbers.  
See page 162 for all BBP®31 Ribbon part numbers.



B-438 Tamper Evident Metallized Polyester	1.0" x 2.0" (25.4 x 50.8mm) 1,225 labels/roll	1.0" x 3.0" (25.4 x 76.2mm) 1,225 labels/roll	2.0" x 3.0" (50.8 x 76.2mm) 650 labels/roll	3.0" x 100' (50.8mm x 30.2m) Continuous roll
Silver Metallized 	B30-17-438	B30-18-438	B30-222-438	B30C-3000-438-SL

B-565 Metallized Polyester	4.0" x 100' (101.6mm x 30.2m)	2.25" x 100' (57.2mm x 30.2m)	1.125" x 100' (28.6mm x 30.2m)
Silver Metallized 	B30C-4000-565-SL	B30C-2250-565-SL	B30C-1125-565-SL



# BBP®31 Sign & Label Printer Materials

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Benchtop Thermal Transfer Printers

BBP®31 Sign & Label Printer

## Pre-Cut Blank Labels (B-595)

For general purpose, peel-off-and-apply identification.

- Ideal for a wide range of labeling applications
- 6 Sizes, 2 of which are pre-cut and pre-sized to fit heavy-duty rigid tags
- Indoor/outdoor grade material
- Conforms well to rough, irregular surfaces



Service temp: -40°F to 180°F  
Application temp: 0°F to 180°F  
Average Outdoor Durability: 8 to 10 years

NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.

	4.0" x 6.0" (101.6 x 152.4mm) 175 labels/roll	2.25" x 3.0" (57.2 x 76.2mm) 300 labels/roll	2.25" x 3.85" (57.2 x 97.8mm) 250 labels/roll	1.125" x 2.85" (28.575 x 72.8mm) 300 labels/roll
White	B30-25-595-BLNKWT	B30-241-595-BLNKWT	B30-219-595-BLNKWT	B30-242-595-BLNKWT
Yellow	B30-25-595-BLNKYL	B30-241-595-BLNKYL	-	-

## Pre-Printed Pre-Cut Blank Sign Headers (B-595)

For creating multicolor ANSI and OSHA signs in seconds.

- Allows printer to create multicolor signs fast - in a single print pass
- Headers meet OSHA 1910.145 and ASME/ANSI Z535 standards
- Indoor/outdoor grade material conforms to rough, irregular and "difficult to adhere to" surfaces

Service temp: -40°F to 180°F Application temp: 0°F to 180°F  
Average Outdoor Durability: 8-10 years



**?** **Did You Know?**

Use these supplies with templates in the BBP®31 printer and MarkWare™ Software for arc flash labels and safety warning labels.



NOTE: Use B30-R10000 black or colored ribbons.  
See page 162 for all BBP®31 Ribbon part numbers.

	4.0" x 6.0" (101.6 x 152.4mm) 175 labels/roll	2.25" x 3.0" (57.2 x 76.2mm) 300 labels/roll	2.25" x 3.85" (57.2 x 97.8mm) 250 labels/roll	1.125" x 2.85" (28.575 x 72.8mm) 300 labels/roll
	B30-25-595-ANSICA	B30-241-595-ANSICA	-	-
	B30-25-595-ANSIDA	B30-241-595-ANSIDA	-	-
	B30-25-595-ANSIWA	B30-241-595-ANSIWA	-	-
	B30-25-595-ANSINO	B30-241-595-ANSINO	-	-
	B30-25-595-OSHADA	B30-241-595-OSHADA	-	-
	B30-25-595-OSHACA	B30-241-595-OSHACA	-	-
	B30-25-595-BLNKWT	B30-241-595-BLNKWT	B30-219-595-BLNKWT	B30-242-595-BLNKWT
	B30-25-595-BLNKYL	B30-241-595-BLNKYL	-	-

## Pre-Printed Right-To-Know Chemical Labels (B-595)

- Allows printer to produce 5-color chemical labels in a single print pass
- Indoor/outdoor grade material withstands exposure to moisture, chemicals and handling

Service temp: -40°F to 180°F Application temp: 0°F to 180°F Average Outdoor Durability: 8 to 10 years



### Did You Know?

Use templates in the BBP<sup>®</sup>31 printer and MarkWare™ Software, enter your own chemical data, or choose a pre-populated label from MarkWare's 2,000-chemical database.



NOTE: Use black ribbon B30-R10000 with these part numbers. See page 162 for all BBP<sup>®</sup>31 Ribbon part numbers.

Size	Labels Per Roll	NFPA Diamond w/Text Area	NFPA Diamond Only	NFPA Diamond NFR Label	Color Bar w/ Text Area	Color Bar Only	Color Bar HMIG Format
4.0" x 6.25" (101.6 x 158.8mm)	170						
2.25" x 4.0" (57.2 x 101.6mm)	240	B30-243-595-NFPA	–	–	B30-243-595-CB	–	–
4.0" x 4.0" (101.6 x 101.6mm)	240	–	B30-161-595-NFPA	–	–	–	–
2.25" x 2.25" (57.2 x 57.2mm)	365	B30-244-595-NFPA	B30-244-595-DIAM	–	B30-244-595-CB	B30-244-595-HMIG	–
1.125" x 3.0" (28.6 x 76.2mm)	300	–	–	B30-246-595-NFR	–	–	B30-246-595-HMIG

## Self-Laminating Cable & Wire Labels (B-427)

For wire and cable identification: Our most popular wire & cable labels.

- Conformable material designed to adhere to highly curved surfaces, wires and cables
- Features a white printable area with clear "tail" that wraps around marker
- Clear tail serves as over-laminate to protect the text, providing superior resistance to abrasion, dirt, oils, solvents, water and excessive handling

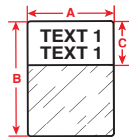


Figure 32



Service temp: -40°F to 158°F Application temp: 50°F to 158°F

NOTE: Use black ribbon B30-R4300 with these part numbers. See page 162 for all BBP<sup>®</sup>31 Ribbon part numbers.

Diagram	Catalog #	For Data Cables Sized To Fit	Wire Gauge	Labels Per Roll	Label Width A Inch (mm)	Label Height B Inch (mm)	Write-On Height C Inch (mm)
Fig. 32	B30-228-427	–	16-10 Gauge (0.16" max dia)	4000	0.50" (12.7)	0.75" (19.05)	0.375" (9.525)
Fig. 32	B30-229-427	–	16-10 Gauge (0.16" max dia)	4000	1.00" (25.4)	0.75" (19.05)	0.375" (9.525)
Fig. 32	B30-232-427	2 pair Fiber/Coaxial, Single/Multi Mode	12-10 Gauge (0.21" max dia)	3000	0.50" (12.7)	1.00" (25.4)	0.375" (9.525)
Fig. 32	B30-179-427	2 pair Fiber/Coaxial, Single/Multi Mode	12-10 Gauge (0.21" max dia)	3300	1.00" (25.4)	1.00" (25.4)	0.375" (9.525)
Fig. 32	B30-231-427	CAT-5, 4 pair UTP Copper	10-4 Gauge (0.27" max dia)	2800	0.50" (12.7)	1.25" (31.75)	0.50" (12.7)
Fig. 32	B30-227-427	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	10-4 Gauge (0.27" max dia)	2750	1.00" (25.4)	1.25" (31.75)	0.50" (12.7)
Fig. 32	B30-225-427	CAT-5, 4 pair UTP Copper	10-4 Gauge (0.27" max dia)	1800	1.50" (38.1)	1.25" (31.75)	0.50" (12.7)
Fig. 32	B30-233-427	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	10-4 Gauge (0.32" max dia)	2300	1.00" (25.4)	1.50" (38.1)	0.50" (12.7)
Fig. 32	B30-234-427	CAT-5, 4 pair UTP Copper, Fiber, Coaxial	10-4 Gauge (0.32" max dia)	1500	1.50" (38.1)	1.50" (38.1)	0.50" (12.7)
Fig. 32	B30-223-427	25 pair Copper, 4-12 pair Fiber, Coaxial	3 Gauge-2/0 (0.53" max dia)	1500	1.00" (25.4)	2.50" (63.5)	0.75" (19.05)
Fig. 32	B30-224-427	25 pair Copper, 4-12 pair Fiber, Coaxial	3 Gauge-2/0 (0.53" max dia)	1000	1.50" (38.1)	2.50" (63.5)	0.75" (19.05)
Fig. 32	B30-188-427	50 pair Copper, 24 pair Fiber, Backbone	3/0-400 kcmil (0.85" max dia)	600	1.50" (38.1)	4.00" (101.6)	1.00" (25.4)
Fig. 32	B30-226-427	100 pair Copper, 36 pair Fiber, Backbone	3/0-400 kcmil (1.3" max dia)	400	1.50" (38.1)	6.00" (152.4)	1.50" (38.1)

# BBP®31 Printer Materials & Ribbons

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Benchtop Thermal Transfer Printers

BBP®31 Sign & Label Printer



## BBP®31 Print Ribbons

- Tough, smear-proof ribbons that produce long-lasting print that can withstand years in industrial areas and outdoor conditions
- Ribbons ship in self-contained cartridges that drop straight into printer - just "Drop & Click"
- No calibrating, no threading, no waste, no hassles

### BBP®31 Print Ribbons

Part Number	Color	Size
B30-R10000	Black	4.330" x 200'
B30-R4300	Black*	4.330" x 200'
B30-R6000	Black**	4.330" x 200'
B30-R10000-WT	White	4.330" x 200'
B30-R4400-WT	White***	4.330" x 200'
B30-R10000-RD	Red	4.330" x 200'
B30-R10000-GN	Green	4.330" x 200'
B30-R10000-BL	Blue	4.330" x 200'
B30-R10000-YL	Yellow	4.330" x 200'
B30-R10000-OR	Orange	4.330" x 200'
B30-R10000-MA	Magenta	4.330" x 200'

Use standard B30-R10000 series ribbon black, white and colored ribbons on all materials unless otherwise noted.

\* NOTE: \*B30-R4300 black ribbon for use with B-427 and B-438 materials only.

\*\* B30-R6000 black ribbon for use with B-593 material only.

\*\*\* B30-R4400-WT white ribbon for use with B-593 material only.

### BBP®31 Print Ribbon / Material Compatibility

B-Number	Material	B30-R4300 (Black)	B30-R4400-WT (White)	B30-R6000 (Black)	B30-R10000 (Black)	B30-R10000-WT (White)	B30-R10000 (Colors)
B-427	Vinyl Self-Laminating	●	—	—	—	—	—
B-438	Tamper Evident Metallized Polyester	●	—	—	—	—	—
B-509	Magnetic	—	—	—	●	●	●
B-526	Photoluminescent	—	—	—	●	●	●
B-549	Cold Temp Polyester	—	—	—	●	●	●
B-551	Non-Adhesive Tag	—	—	—	●	●	●
B-565	High Temp Metallized Polyester	—	—	—	●	●	●
B-569	Low-Halide Polyester	—	—	—	●	●	●
B-581	Repositionable Vinyl	—	—	—	●	●	●
B-584	Retro Reflective	—	—	—	●	●	●
B-593	Raised Panel Engraved Plate Substitute	—	●	●	—	—	—
B-595	Outdoor Vinyl	—	—	—	●	●	●

● Recommended ribbon for use with respective material.



### Did You Know? - Technical Data Sheets

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords.

Visit [www.BradyID.com/techdata](http://www.BradyID.com/techdata) for more information.





# REFERENCE

Use this reference section as a guide to the properties of product materials, the industry recognized standards, and a full part number index.

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# Master Material Index

[www.BradyID.com/techdata](http://www.BradyID.com/techdata)





## Master Material Index

This section provides a quick reference to Brady materials listed throughout this catalog, including basic attributes, applications and regulatory compliance where applicable.

For more detailed material attribute and performance information, please refer to the material's Technical Data Sheet, listed at [www.BradyID.com/techdata](http://www.BradyID.com/techdata).

	RoHS compliant material
	UL approved material*
	Materials evaluated to Canadian safety requirements
	CSA approved materials*
	Materials have static dissipative adhesives

Refer to the pages 172–175 for more information and complete listing of approved materials.

B-Number	Material	Finish	Color	Temperature Range	Properties & Applications	
B-103	Polyester	Gloss	Clear	-94°F to 230°F	Clear polyester overlaminating tape offers additional protection against dirt, chemicals and abrasion on already printed materials.	RoHS
B-109†	Tag Material	Matte	White	-40°F to 120°F (-40°C to 49°C)	General-purpose tagging material with excellent tear- and chemical- resistance. Exhibits good weatherability, humidity resistance, and legibility after solvent exposure.	RoHS
B-145	Polypropylene	Matte	Gray	-40°F to 212°F (-40°C to 100°C)	Rigid polypropylene material can be used for a variety of tag applications including identification of multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress.	RoHS
B-321	Polyolefin	Matte	White	-40°F to 248°F (-40°C to 120°C)	Heat Shrinkable Wire Marker is a dot matrix printable wire and cable heat-shrinkable sleeve. Excellent resistance to oil and solvents.	RoHS
B-330	Polyolefin	Matte	White or Yellow	-94°F to 230°F (-70°C to 110°C) 24 hrs at 248°F (120°C)	Heat-shrinkable polyolefin film with a heat-activating adhesive. Can also be used without heat activation. A 72 hour dwell is recommended when product is not heat activated. To be used for identification of wire bundles, large conduits, and installed cables.	
B-342	Sleeve Material	Matte	White, Yellow, Black, Red, Blue, Green, Orange, Gray, Pink, Violet, Brown	-40°F to 267°F (-40°C to 130°C) 24 hrs at 350°F (180°C) 5 min at 500°F (260°C)	Heat-shrinkable sleeve with a 3:1 shrink ratio for wire and cable identification. Meets the material and physical property requirements of SAE AMS-DTL-23053/5C (class 1) for Insulation Sleeving and SAE AS-81531 for Marking of Electrical Insulating Materials, and MIL-STD-202.	RoHS
B-345	PVDF	Matt	Black, White, Yellow, Pink, Blue	-67°F to 437°F (-55°C to 225°C)	Irradiated polyvinylidene fluoride heat shrink tubing. Recommended for high temperature and low outgassing applications.	
B-350	Polyester/Paper	Gloss	White	-94°F to 194°F (-70°C to 90°C)	Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting (service and repair).	 RoHS
B-351	Vinyl	Matte	White	-40°F to 212°F (-40°C to 100°C)	Tamper-resistant film with a permanent acrylic adhesive. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.	 RoHS
B-352	Metallized Vinyl	Matte	Silver	-40°F to 176°F (-40°C to 80°C)	Tamper-resistant metallized film. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.	 RoHS
B-358	Acetate	Gloss	Clear	-94°F to 176°F (-70°C to 80°C) 5 min at 302°F (150°C)	Tamper resistant film with a permanent acrylic adhesive. Designed to fracture easily when removal is attempted. For use as package seals/closures.	RoHS
B-367 (Custom orders only)	Polypropylene	Gloss	Custom	-94°F to 194°F (-70°C to 90°C)	Leaves a customized footprint pattern (i.e. logos, special warnings, instructions) when label is removed, and pattern will appear on the top surface of the label in order to prevent it from being reused.	 RoHS
B-390	Polypropylene	Matte	White	-40°F to 212°F (-40°C to 100°C)	Wire marking carrier inserts that are designed to be printed and affixed to a wire using extruded, clear PVC Wire Marking Carriers.	RoHS
B-402	Paper	Matte	White	-94°F to 158°F (-70°C to 70°C)	Thermal transfer-printable paper with permanent adhesive. Applications in general labeling and bar code labeling. Aggressive adhesive for bonding to corrugated, films, plastic and steel surfaces.	RoHS

**RoHS** As of June 22, 2009 these items are RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC. Product compliance is based upon information provided by suppliers of the raw materials used by Brady to manufacture these products or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations, or warranties, expressed or implied, and assumes no liability in connection with the use of this information. Labels must be printed with the proper RoHS compatible ribbon to meet RoHS specifications. For specific testing data, please contact Brady.

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# Master Material Index

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B-Number	Material	Finish	Color	Temperature Range	Properties & Applications	
B-407	Polyolefin	Matte	Translucent	-94°F to 194°F (-70°C to 90°C)	General purpose label for applications that require thermal transfer printable materials. Recommended for outdoor use.	RoHS
B-408	Paper	Matte	White	25°F to 158°F (4°C to 70°C)	Bar code and general labeling. Repositionable adhesive.	RoHS
B-411	Tag Material	Matte	White	-40°F to 122°F (-40°C to 50°C)	Designed printing in harsh environments. Resistant to water and chemicals. Not recommended for outdoor applications. Tag material designed for general purpose marking.	RoHS
B-412	Tag Material	Matte	White	-40°F to 212°F (-40°C to 100°C)	Highly durable labels designed for thermal transfer printing in outdoor and harsh environmental applications. Ideal for wire and cable identification or product inventory identification, where legibility and tensile strength are needed.	RoHS
B-413	Polyester	Metallic	Silver	-94°F to 248°F (-70°C to 120°C)	Excellent PCB and component identification. Non-metalized metallic looking label.	UL RoHS
B-422	Polyester	Gloss	White	-40°F to 212°F (-40°C to 100°C)	Gloss white film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. Electronic PCB and component; bar code label and rating plates. 2 mil adhesive, recommended for application on textured surfaces.	UL SF RoHS
B-423	Polyester	Gloss	White	-94°F to 248°F (-70°C to 120°C)	Thermal transfer-printable with a permanent acrylic adhesive. Electronic PCB and component; barcode label and rating plates.	UL SF RoHS
B-424	Paper	Matte	White	-40°F to 122°F (-40°C to 50°C)	Top-coated, thermal transfer-printable with a permanent latex adhesive. Designed for use in labeling applications requiring a low-cost, general-purpose labeling material.	RoHS
B-425	Polypropylene	Matte	White	-94°F to 212°F (-70°C to 100°C)	Excellent solvent resistance and print performance.	UL RoHS
B-426	Polyimide	Matte	Amber	-94°F to 518°F (-70°C to 270°C) 5 min at 536°F (280°C) 80 sec at 626°F (350°C)	Polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.	RoHS
B-427†	Vinyl	Matte	Clear/White	-40°F to 158°F (-40°C to 70°C)	Permanent acrylic adhesive and a topcoat specifically formulated for thermal transfer printing. Excellent water, oil and solvent resistance with clarity and conformability. Self-laminating wire and cable identification.	UL RoHS
B-428	Metallized Polyester	Matte	Silver	-40°F to 293°F (-40°C to 145°C)	Metallized polyester with a permanent acrylic adhesive. Thermal transfer printable. Designed for rating or serial plates, product information, warranty labels and inventory control labels.	UL SF RoHS
B-430	Polyester	Gloss	Clear	-40°F to 212°F (-40°C to 100°C)	Thermal transfer-printable polyester with permanent acrylic-based adhesive. Designed for rating and serial plates using alphanumerics, bar codes, graphic symbols, and logos that require name plate quality. Withstands numerous solvents and can be applied to variable surfaces	UL SF RoHS
B-432	Polyester	Gloss	Clear	-40°F to 212°F (-40°C to 100°C)	Gloss clear thermal transfer-printable film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. 2 mil adhesive recommended for application on textured surfaces. UL recognized/CSA approved for rating plate applications.	UL SF RoHS
B-433	Polyester	Gloss	White	-40°F to 212°F (-40°C to 100°C)	Designed for electronic component marking and general purpose applications requiring good solvent, heat resistance and a label that can be easily removed. Removable acrylic-based adhesive.	UL RoHS

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Reference

## Master Material Index (Continued)

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	RoHS compliant material
	UL approved material*
	Materials evaluated to Canadian safety requirements
	CSA approved materials*
	Materials have static dissipative adhesives

Refer to the pages 172–175 for more information and complete listing of approved materials.

B-Number	Material	Finish	Color	Temperature Range	Properties & Applications	
B-434	Metallized Polyester	Gloss	Silver	-40°F to 194°F (-40°C to 90°C)	Glossy metallized polyester with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. 2 mil adhesive recommended for application on textured surfaces. UL recognized/CSA approved for rating plate applications.	  RoHS
B-435	Metallized Polyester	Gloss	Silver	-40°F to 194°F (-40°C to 90°C)	High-performance material designed for thermal transfer printing. Withstands numerous solvents while maintaining excellent image quality. Ideal for rating plate applications and general purpose labeling.	  RoHS
B-436	Polyimide	Matte	Amber	-40°F to 293°F (-40°C to 145°C) 2 hrs at 500°F (260°C) 5 mins at 518°F (270°C)	Polyimide film with a removable silicone pressure sensitive adhesive designed to remove completely after high-temperature exposure. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.	RoHS
B-438	Metallized Polyester	Matte	Silver	-40°F to 104°F (-40°C to 40°C)	Matte metallized polyester with a permanent adhesive. Designed for rating and serial plates requiring both high-performance and protection against removal. Designed to leave a checkerboard footprint if removed.	  RoHS
B-439†	Vinyl	Matte	Silver, Gold, Red, Purple, Yellow, Orange, Green, Black, Light Blue, White	-94°F to 104°F (-90°C to 40°C)	Designed for use with thermal transfer printers in ambient conditions with limited solvent exposure. Ideal for applications requiring various colors - such as rating plates or finished product and general purpose identification.	RoHS
B-449	Polypropylene	Matte	White	-94°F to 194°F (-70°C to 90°C)	Designed for use in temporary labeling applications requiring solvent resistance and print performance coupled with clean removability.	RoHS
B-457	Polyimide	Gloss	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 min at 500°F (260°C) 80 sec at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	Polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Glossy topcoat provides excellent contrast and smear resistance.	 RoHS
B-459	Polyester	Matte	White	-40°F to 212°F (-40°C to 100°C)	A permanent acrylic-based adhesive. Designed for electronic component marking and general purpose applications requiring good solvent and heat resistance.	  RoHS
B-461	Polyester	Matte	Clear	-320°F to 230°F (-196°C to 110°C)	Clear film that can be offered with matte white printable zone in a self-laminating format. Provides excellent print smudge resistance and solvent resistance. Performs well in common laboratory environments such as liquid nitrogen, autoclave, freezer and hot water bath applications when laminated around itself.	RoHS
B-473	Polyester	Gloss	White	-40°F to 248°F (-40°C to 120°C) 5 min at 354°F (180°C)	Static dissipative acrylic adhesive and static dissipative release liner. Ideal for bar code, printed circuit board and component identification.	   RoHS
B-476	Polyimide	Gloss	Light Green	-94°F to 212°F (-70°C to 100°C) 2 hrs at 212°F (100°C) 5 min at 500°F (260°C) 80 secs at 572°F (300°C)	Light green polyimide material that can be used for visual differentiation between Lead (Pb) Free manufacturing and non-Lead (Pb) Free manufacturing. High temperature and solvent resistance for printed circuit board and component preprocess labeling.	 RoHS

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# Master Material Index

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B-Number	Material	Finish	Color	Temperature Range	Properties & Applications	
B-477	Polyimide	Gloss	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 min at 500°F (250°C) 80 sec at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	Polyimide film with a permanent acrylic static dissipative adhesive and static dissipative release liner, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Glossy topcoat provides excellent contrast and smear resistance.	UL RoHS
B-478	Polyimide	Gloss	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 mins at 500°F (250°C) 80 sec at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	1-mil low profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner; designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Glossy topcoat provides excellent contrast and smear resistance. Can be used for top- or bottom-side component or board identification.	UL RoHS
B-479	Polyimide	Matte	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 mins at 500°F (250°C) 80 sec at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	1-mil low profile polyimide film with a permanent static dissipative adhesive and static dissipative release liner; designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matte topcoat provides excellent resistance to solder balling. Can be used for top- or bottom-side component or board identification.	UL RoHS
B-480	Polyester	Metallic	Silver	-94°F to 248°F (-70°C to 120°C)	Bar code labels, serial and rating plates requiring nameplate like quality. Adhesive designed for low surface energy or powder coated surfaces.	UL RoHS
B-483	Polyester	Gloss	White	-40°F to 248°F (-40°C to 120°C)	General purpose labeling. Highest adhesion product for thermal transfer printing, designed for powder coated surfaces.	UL RoHS
B-484	Polyester	Gloss	White	-40°F to 248°F (-40°C to 120°C)	1 mil white polyester with a permanent, ultra-aggressive adhesive. Designed for powder-coated surfaces and curved/angled surfaces.	UL RoHS
B-486	Metallized Polyester	Matte	Silver	-40°F to 248°F (-40°C to 120°C)	Matte metallized polyester with a permanent, ultra aggressive adhesive. Designed for applications like rating and serial plates that require high adhesion to textured metals, low surface energy plastics, or powder coated surfaces.	UL RoHS
B-487	Polyimide	Matte	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 mins at 500°F (250°C) 80 sec at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	Polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matte topcoat provides excellent resistance to solder balling. Can be used for top- or bottom-side component or board identification.	UL RoHS
B-488	Polyester	Matte	White	-40°F to 320°F (-40°C to 160°C)	High performance material ideal for bar code labels or rating plates.	RoHS
B-489	Polyester	Matte	White	-40°F to 248°F (-40°C to 120°C)	Matte polyester with ultra aggressive, permanent adhesive. Designed for high adhesion to textured metals, low surface energy plastics, or powder coated surfaces.	UL RoHS
B-497	Polyimide	Matte	White	-94°F to 212°F (-70°C to 100°C) 2 hrs at 338°F (170°C) 5 mins at 500°F (250°C) 80 secs at 572°F (300°C) Label discolors at 662°F (350°C) but is still functional	1-mil low profile polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matte topcoat provides excellent resistance to solder balling. Can be used for top- or bottom-side component or board identification.	UL RoHS
B-498	Vinyl Cloth	Semi-Gloss	White, Yellow Orange	-40°F to 175°F (-40°C to 80°C)	Wire, cable and component marking. Repositionable, removes cleanly. Suitable for general identification.	UL RoHS
B-499	Nylon Cloth	Matte	White	-40°F to 193°F (-40°C to 90°C) 5 mins at 293°F (145°C)	Wire and electronic component marking. Permanent adhesive. High adhesion makes all purpose wire marking ideal for environments where heat, cold, oil and dirt are present. Also ideal for laboratory vial identification. Not intended for outdoor use.	UL RoHS

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# Master Material Index

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## Master Material Index (Continued)

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RoHS	RoHS compliant material
UL	UL approved material*
ULC	Materials evaluated to Canadian safety requirements
CSA	CSA approved materials*
⚡	Materials have static dissipative adhesives

Refer to the pages 172–175 for more information and complete listing of approved materials.

B-Number	Material	Finish	Color	Temperature Range	Properties & Applications	
B-508	Tag Material	Matte	White, Yellow Green	-94°F to 302°F (-70°C to 150°C)	High performance wire bundle and cable identification tag for use in harsh environments. Excellent tear, solvent, and heat resistance properties.	RoHS
B-593	Raised Panel	Gloss	White, Black Yellow, Red, Green, Metallized	-4°F to 212°F (-20°C to 100°C)	Adhesive taped polyester designed for patch panel identification in identifying external push buttons, switches, and internal connection points. Also used as rating and serial plates.	UL, UL, RoHS
B-7546	Polyester	Gloss	White	-40°F to 175°F (-40°C to 80°C)	Tamper evident; leaves "void" footprint when removed.	UL, CSA, RoHS
B-7566	Polyester	Gloss	Clear	-94°F to 176°F (-40°C to 80°C)	Tamper Evident; leaves "void" footprint when removed.	RoHS
B-7576	Metallized Polyester	Matte	Silver	-94°F to 212°F (-70°C to 100°C)	Tamper evident; leaves "void" footprint when removed.	UL, RoHS
B-7641	Sleeve Material	Matte	White, Yellow Various Other Colors	-22°F to 221°F (-30°C to 105°C)	Heat-shrinkable (2:1), low halogen polyolefin wire and cable marking sleeves. The low halogen tubing offers excellent fire safety characteristics combined with minimal smoke emission.	RoHS
B-7642	Sleeve Material	Matte	White, Yellow	-40°F to 248°F (-40°C to 120°C) 24 hrs at 320°F (160°C) 5 mins at 464°F (240°C)	Heat-shrinkable polyolefin sleeve, with a 2:1 shrink ratio for wire and cable marking. Meets SAE-AMS-DTL-23053/5 Class 1 & 3.	RoHS
B-7643	Tag Material	Matte	White, Yellow	-40°F to 193°F (-40°C to 90°C)	Zero-halogen, high density thermoplastic polyether polyurethane cable marker. The markers are tough, with a very high degree of mark permanence in almost any environment.	RoHS
B-8423	Polyester	Satin	White	-94°F to 248°F (-70°C to 120°C)	Thermal Transfer with a permanent acrylic adhesive. Semi-gloss finish excellent for bar code labels.	UL, CSA, RoHS
B-8425	Polypropylene	Gloss	White	-94°F to 194°F (-70°C to 90°C)	General purpose labeling, asset identification and warning/instructional labeling.	UL, CSA, RoHS
B-966B	Polyester	Gloss	Clear	-94°F to 248°F (-70°C to 120°C)	Clear polyester film used as an overlaminates and for permashield applications.	RoHS

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### Did You Know? - Technical Data Sheets

Looking for more information regarding a certain Brady material?

Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords.

Visit [www.BradyID.com/techdata](http://www.BradyID.com/techdata) for more information.



Master Material Index





## Laser Printable Materials Index

Brady offers a wide range of materials for use in many different applications, from general identification to printed circuit board labeling. These materials offer the same durability against heat, chemicals and abrasion as thermal transfer materials but with the flexibility of use with most common laser printers.

To see Brady's full line of Laser printable labels, please visit [www.BradyID.com](http://www.BradyID.com).

	RoHS compliant material
	UL approved material*
	CSA approved materials*




Refer to the pages 172-175 for more information and complete listing of approved materials.

Type	Material	Finish	Color	Max. Service Temp. °F (°C)	Use	Special Properties	
B-124	Paper	Matte	White/Colors	150°F (66°C)	110 terminal block marking for telecommunications	Available in green, purple, yellow, blue, red, brown, white, orange and gray	
B-361B	Polyester	Matte	Clear	230°F (110°C)	Wire and cable marking, self-laminating	Low halogen and sulfur content	RoHS
B-410	Polyolefin Film	Matte	White	212°F (100°C)	Tamper-evident label	Label destroys upon removal	RoHS
B-652	Polyimide	Matte	Amber	536°F (280°C) for 5 minutes	Top- or bottom-side printed circuit board application for SMT or through hole	Withstands extremely high temperatures; excellent solvent resistance	RoHS
B-707	Polyester	Matte	White	267°F (130°C)	Electronic component labeling; general identification	Rough surface application; Stronger bond to low surface energy plastics	
B-712	Polyester	Matte	Clear	221°F (105°C)	Electronic component labeling; general identification	Rough surface application; Stronger bond to low surface energy plastics	RoHS
B-722	Polyester	Matte	Clear	221°F (105°C)	Rating plates, name plates, general-purpose	Translucent; Halogen free per DIN VDE 0472 Part 815	RoHS
B-747	Polyester	Matte	White/Yellow	267°F (130°C)	Electronic PCB component, bar code labels and equipment labeling	Excellent solvent and smudge resistance; high-resolution printing; available in white only	  RoHS
B-759	Paper	Matte	White	193°F (90°C)	Bar code and general labeling applications	Excellent toner adhesion	RoHS
B-773	Polyester	Matte	Silver	248°F (120°C)	Rating plates and electronic component marking	Adheres to a variety of surfaces; metallized	  RoHS
B-799	Nylon Cloth	Matte	White	293°F (145°C) for 5 minutes	Aerospace and military cable marking	Repositionable	RoHS
B-841	Polyester	Matte	White, Yellow, Orange	193°F (90°C)	Make it yourself Sign, Label and Tag creation.		

## Ink Jet Printable Materials Index

Brady's line of durable ink jet materials offer excellent smudge, oil, solvent and abrasion resistance for all of your identification needs.

To see Brady's full line of Ink Jet printable labels, please visit [www.BradyID.com](http://www.BradyID.com).

	RoHS compliant material
	UL approved material*
	CSA approved materials*

Refer to the pages 172-175 for more information and complete listing of approved materials.

Type	Material	Finish	Color	Max. Service Temp. °F (°C)	Use	Special Properties	
B-113	Paper	Matte	White	194°F (90°C)	Bar code and general labeling	High resolution for non-harsh applications	RoHS
B-117	Vinyl	Matte	White	158°F (70°C)	Self laminating wire and cable marking	Excellent abrasion and smudge resistance	RoHS
B-115	Vinyl Cloth	Matte	White	175°F (80°C)	Primarily for wire and component marking	Good smudge, oil, water and fade resistance	RoHS
B-141	Polyester	Matte	White	230°F (110°C)	Durable, permanent multi-color labels and letter-sized documents	Excellent abrasion, chemical and solvent resistance	
B-146	Polyester	Matte	White	230°F (110°C)	Durable, removable multi-color labels and letter-sized documents	Excellent abrasion, chemical and solvent resistance	
B-841	Polyester	Matte	White, Yellow, Orange	193°F (90°C)	Make it yourself Sign, Label and Tag creation.		



### Laser Printable and Ink Jet Printable Labels

Brady offers a variety of label parts that are Laser printable or Ink Jet printable. To view the full line of labels, visit [www.BradyID.com](http://www.BradyID.com).



# Dot Matrix Materials Index

www.BradyID.com/techdata

## Dot Matrix Printable Materials Index

Brady provides the largest offering of dot matrix labels designed for industrial applications. From heat-shrinkable wire markers to tamper-evident solutions, from removable labels to high temperature printed circuit board identification, Brady is sure to have a material for your unique needs that will work with your dot matrix printer.

To see Brady's full line of Dot Matrix printable labels, please visit [www.BradyID.com](http://www.BradyID.com).

RoHS	RoHS compliant material
UL	UL approved material*
CSA	CSA approved materials*

Refer to the pages 172-175 for more information and complete listing of approved materials.

Type	Material	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties	
B-109	Polyethylene	120°F (49°C)	White	Matte	Multi-purpose tagging	Tear- and chemical- resistant	RoHS
B-121	Paper	158°F (70°C)	White	Matte	General labeling	Removable adhesive	RoHS
B-122	Paper	193°F (90°C)	White	Matte	General labeling	Label destroys upon removal	RoHS
B-124	Paper	150°F (66°C)	White/Colors	Matte	110 terminal block marking	Available in green, purple, yellow, blue, red, brown, white, orange and gray	
B-184	Aluminum Foil	266°F (130°C)	Silver	Matte	Wire marking, general labeling	Conformable; adheres well to rough surfaces	RoHS
B-292	Vinyl Film	158°F (70°C)	White	Matte	Self-laminating, wire and cable marking	Excellent abrasion and smudge resistance	UL RoHS
B-319	Polyolefin	266°F (130°C)	White	Matte	Wire marking	Non-shrink sleeve	
B-321	Polyolefin	248°F (120°C)	White/Yellow	Matte	Wire marking	Heat-shrinkable sleeve	RoHS
B-322	Polyolefin	248°F (120°C)	White/Yellow	Matte	Aerospace and military wire marking	Self-extinguishing; meets MIL-S-85848	
B-330	Polyolefin	248°F (120°C)	White	Matte	Identification of wire bundles, large conduits, installed cables	Heat-shrinkable film with a printable topcoat and a heat-activating adhesive	
B-342	Polyolefin	267°F (130°C)	White/Yellow	Matte	Wire marking	3-to-1 shrink ratio self-extinguishing sleeve; meets MIL-I-23053/5 Class 1; MIL-M-81531; MIL-STD-202F; METHOD 215 and UL 224	UL RoHS
B-389	Polypropylene	212°F (100°C)	White	Matte	Wire marking	Printable rigid inserts designed to be printed and affixed to a wire using carriers	RoHS
B-410	Polyolefin	212°F (100°C)	White	Matte	Tamper-evident label	Label destroys upon removal	RoHS
B-499	Nylon Cloth	193°F (90°C)	White	Matte	Wire and electronic component marking	Permanent adhesive	UL RoHS
B-502	Vinyl Cloth	175°F (80°C)	White	Matte	Wire and electronic component marking	Repositionable adhesive	RoHS
B-508	Nomex®	266°F (130°C)	White/Yellow	Matte	High-performance wire bundle and cable id	Computer-printable tag stock; material is self-extinguishing	RoHS
B-505	Polyester	266°F (130°C)	White	Matte	Designed to be used as a connector pull tab	Self-extinguishing white polyester with a zone coated, permanent pressure sensitive acrylic adhesive Passes the requirements of UL94 VTM-O	UL
B-607	Vinyl Film	158°F (70°C)	White	Matte	Tamper-resistant label	Label destroys upon removal	UL CSA RoHS
B-609	Paper	158°F (70°C)	White	Matte	Tamper-resistant label	Label destroys upon removal	RoHS
B-619	Polyester	293°F (145°C)	White	Matte	Electronic component, bar code label	Good smudge resistance and solvent resistance	UL CSA RoHS
B-621	Polyester	248°F (120°C)	Clear	Matte	Printable overlamine	Translucent	RoHS
B-624 (Custom orders only)	Polyester	248°F (120°C)	White/Yellow	Matte	Bar code labels	Adheres well to rough surfaces	
B-652	Polyimide	536°F (280°C) for 5 minutes	Amber	Matte	Top- or bottom-side printed circuit board application for SMT or through hole	Withstands extremely high temperatures; excellent solvent resistance	
B-693	Polyester	248°F (120°C)	Silver	Matte	Rating plates	Low-cost metallized material	
B-841	Polyester	193°F (90°C)	White, Yellow, Orange		Make it yourself Sign, Label and Tag creation.		
B-917	Aluminum Foil	248°F (120°C)	Silver	Matte	Rating plates, general labeling	Full hard aluminum	
B-969	Polyester	293°F (145°C)	Silver	Matte	Rating plates, electronic component marking	Metallized	UL CSA



### Dot Matrix Printable Labels

Brady offers a variety of dot matrix printable label parts. To view the full line of labels, visit [www.BradyID.com](http://www.BradyID.com).

# Material Adhesion Comparison

www.BradyID.com/techdata

## Material Adhesion Comparison

Adhesion is the attraction between unlike materials. The strength of the adhesion is determined by the surface energy of the item being identified. The higher the surface energy, the greater the likelihood for the label to adhere. A lower surface energy product will be more difficult for a label to adhere.

These following charts are based on relative adhesion after 24 hour dwell within each given surface energy category.

**SMOOTH SURFACE (High Surface Energy)**

Typical surface energy levels for this category are above 50 Dynes/cm.

Surface Examples:

Stainless Steel	Tin
Copper	Glass
Aluminum	Smooth Metal
Smooth Plastic	

**TEXTURED/ROUGH SURFACE (Medium Surface Energy)**

Typical surface energy levels for this category are between 38-50 Dynes/cm.

Surface Examples:

Cast Metal	Polyurethane
Nylon	ABS
Alkyd Enamel	Polycarbonate
Polyester	PVC
Epoxy Paint	Acrylic

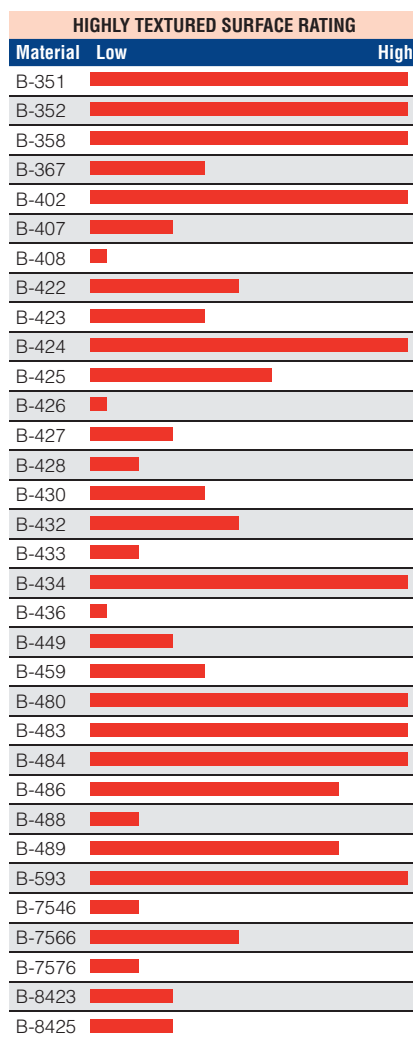
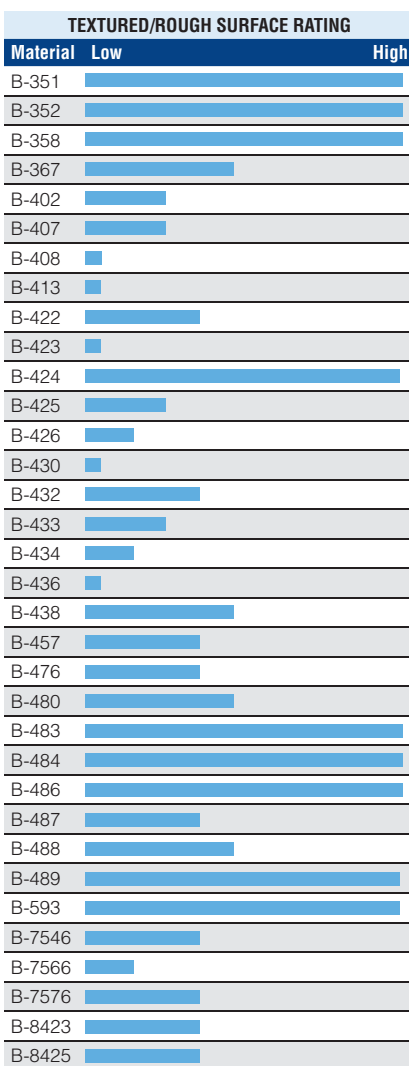
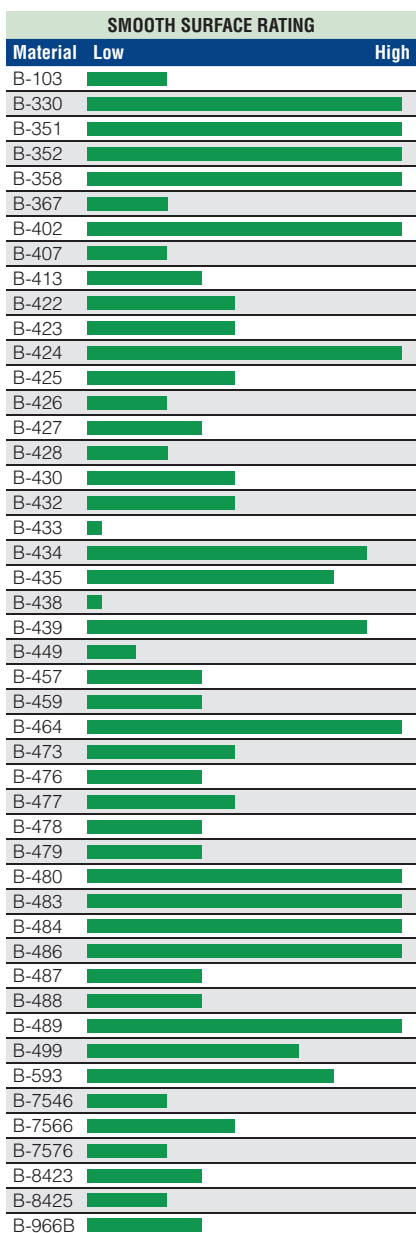
**HIGHLY TEXTURED SURFACE (Low Surface Energy)**

Typical surface energy levels for low surface energy products are below 38 Dynes/cm.

Surface Examples:

Polystyrene	Polypropylene
Acetal	Teflon
Polyethylene	Powder Coatings
Highly Textured	ABS

## Material/Surface Adhesion Ratings



Please see Brady Technical Data Sheets at [www.BradyID.com/techdata](http://www.BradyID.com/techdata) for specific adhesion values. Testing in the specific application is recommended.

# UL Recognized Materials

www.BradyID.com



## UL Recognized Materials (UL969) Printing Materials Category (PGJ12)

Brady's file number in category PGJ12 is **MH17154**. This category lists label materials and ribbons or toners which can be used to generate UL recognized labels by an end user. This category also includes labels pre-printed with printing inks (at Brady) in which end users can then add print (thermal transfer or laser).

●	UL Recognized
▲	Suitable for flood coating with a background ink (solvent screen) and additional THT printing with the R6000 series ribbon.

Refer to [www.UL.com](http://www.UL.com) for the UL online certification directory.

B-Number	UL Recognized	With Ribbon Series/Toner	Printing Ink
B-350	●	R4900, R7961	————
B-352	●	R6000	————
B-367 (custom only)	●	R6000, R6000HF	UV flexo ink all colors
B-413	●	R6200, R6000, R6000HF	————
B-416	●	R6000	————
B-422	●▲	R4900, R6000, R6000HF	UV screen and UV flexo ink all colors
B-423	●▲	R4900, R6000, R6000HF	UV screen and UV flexo ink all colors
B-425	●	R4300, R6200, R6400, R7961	————
B-427	●	R4300, R6200	————
B-428	●	R4300	UV screen ink or solvent screen ink all colors, UV flexo all colors
B-430	●	R4900, R6000	UV screen ink and UV flexo all colors
B-432	●	R4900, R6000	UV screen and UV flexo ink all colors
B-433	●	R4900	————
B-434	●	R4900, R6000	UV screen ink or solvent screen ink UV flexo all colors
B-435	●	R4900, R6000	UV screen and solvent screen all colors UV flexo all colors. Flexographic black
B-438	●	R4300	————
B-457	●	R6000, R6000HF	————
B-459	●	R4400, R4900, R6000	————
B-473	●▲	R4900, R6000	UV screen and UV flexo all colors
B-476	●	R6000, R6000HF	————
B-477	●	R6000, R6000HF	————
B-478	●	R6000, R6000HF	————
B-479	●	R6000, R6000HF	————
B-480	●	R6000, R6200, R6000HF	————
B-483	●▲	R4900, R6000, R6000HF, R7961, R7962	UV screen ink all colors, UV flexo all colors
B-484	●▲	R4900, R6000, R6000HF, R7961, R7962	UV screen ink all colors, UV flexo all colors
B-486	●	R4300	UV screen ink or solvent screen ink all colors, UV flexo all colors
B-487	●	R6000, R6000HF	Yellow solvent screen ink
B-488	●	R4300, R6200	UV screen and UV flexo all colors
B-489	●	R4300, R6200	UV screen and UV flexo all colors
B-496	●	R6000, R6000HF	————
B-497	●	R6000, R6000HF	Yellow solvent screen ink
B-498	●	R4300, R6200	————
B-499	●	R4300, R4900, R6000 (R2000, R5000 dot matrix)	————
B-593, B-593YL, B-593SL	●	R6000, R6000HF	————
B-593BK	●	R4400 white	————
B-593GN, B-593RD	●	R4400 white, R6000, R6000HF	————
B-707	●	R4300, R7950, R7961, refer to file MH17154 under Certifications at <a href="http://www.UL.com">www.UL.com</a> for laser printing	————
B-707/ B-966B (PSL)	●	Refer to file MH17154 under Certifications at <a href="http://www.UL.com">www.UL.com</a>	————
B-747	●	R4300, R7950, R7961, refer to file MH17154 under Certifications at <a href="http://www.UL.com">www.UL.com</a> for laser printing for laser printing	————
B-747/ B-966B (PSL)	●	Refer to file MH17154 under Certifications at <a href="http://www.UL.com">www.UL.com</a>	————
B-773 & B-773/ B-966B (PSL)	●	Refer to file MH17154 under Certifications at <a href="http://www.UL.com">www.UL.com</a>	————
B-7546	●	R6000,	————
B-7576	●	R4900, R6000, R7961	————
B-8423	●	R6000, R6200, R7961	UV screen ink all colors, UV flexo ink all colors
B-8425	●▲	R6000	UV flexo ink all colors

Reference

UL Recognized Materials

# UL Recognized Materials

www.BradyID.com



## UL Recognized Materials (UL969) Marking & Labeling Systems Category (PGDQ2)

Brady's file number in category PGDQ2 is **MH10939**. This category lists pre-printed labels produced with approved printing processes and inks. Thermal transfer printed labels in this category can be sold as pre-printed labels using thermal transfer print methods (Brady Bureau of Identification). Where applicable, additional printing can be added to labels by end users with the listed dot matrix ribbons.

●	UL Recognized
✖	UL Not Recognized
▲	Suitable for flood coating with a background ink (solvent screen) and additional THT printing with the R6000 series ribbon.

Refer to [www.UL.com](http://www.UL.com) for the UL online certification directory.

	Recognized	Approved Pre-Printed Methods	Additional Printing (by end user) via dot matrix ribbons
B-292	●	Includes additional printing by end user via R2000, R5000 and R7300 dot matrix ribbons	R2000, R5000, R7300
B-367 (custom only)	●	UV flexo ink all colors	————
B-413	●	R6200, R6000	————
B-416	●	R6000	————
B-422	●▲	R4900, R6000, UV screen and UV flexo ink all colors	————
B-423	●▲	R4900, R6000, UV screen and UV flexo ink all colors	————
B-428	●	R4300, UV screen ink or solvent screen ink all colors UV flexo all colors	————
B-430	●	R4900, R6000, UV screen and UV flexo ink all colors	————
B-432	●	R4900, R6000, UV screen and UV flexo ink all colors	————
B-434	●	R4900, R6000, UV screen ink all colors, solvent screen ink all colors, UV flexo all colors	————
B-435	●	R4900, R6000, UV screen and solvent screen all colors UV flexo all colors. Flexographic black	————
B-457	●	R6000	————
B-473	●▲	R4900, R6000, UV screen and UV flexo all colors	————
B-476	●	R6000	————
B-477	●	R6000	————
B-480	●	R6000, R6200	————
B-483	●▲	R4900, R6000, R7961, R7962, UV screen ink all colors, UV flexo all colors	————
B-484	●▲	R4900, R6000, R7961, R7962, UV screen ink all colors, UV flexo all colors	————
B-487	●	R6000, Yellow solvent screen ink only	————
B-488	●	R4300, R6200, UV screen and UV flexo all colors	————
B-489	●	R4300, R6200, UV screen and UV flexo all colors	————
B-607	●	UV screen ink all colors, solvent screen ink all colors UV rotary letterpress black only	R2000, R5000
B-619	●	UV screen all colors, solvent screen all colors flexographic black or blue only, letterpress black only	R2000, R5000
B-969	●	Solvent screen all colors, UV screen all colors, flexographic black only, letterpress black only	R2000, R5000
B-8423	●	UV screen ink all colors, UV flexo ink all colors	————
B-8425	●	UV flexo ink all colors	————

Reference

UL Recognized Materials

# CSA Accepted Materials

www.BradyID.com

Reference



## CSA Accepted Materials Printing Systems Category (Class 7923-01)

The Printing Systems Category lists label materials, ribbons or toners and printers which can be used to generate CSA accepted labels by an end user.

●	CSA Accepted
✘	CSA Not Accepted
▲	Suitable for flood coating with a background ink (solvent screen) and additional thermal transfer printing with the R6000 series ribbon.

Refer to [www.CSA-International.org](http://www.CSA-International.org) for more info.

B-Number	Accepted	With Ribbon Series/Toner	Printers
B-422	●	R6000	All Zebra-based Bradyprinters, Datamax-based Brady printers, and TLS 2200
B-423	●	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters, IP and TLS 2200
B-425	●	R6200 R6400, R7961, R4300	All Zebra-based Bradyprinters, Datamax-based Bradyprinters, IP
B-428	●	R4300, R6200	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and TLS 2200 (w/R4300 only)
B-430	●	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters, IP and TLS 2200
B-432	●	R6000	All Zebra-based Bradyprinters, Datamax-based Brady printers, and TLS 2200
B-434	●	R4900, R6000	All Zebra-based Bradyprinters and Datamax-based Brady printers
B-435	●	R6000	All Zebra-based Bradyprinters and Datamax-based Brady printers
B-438	●	R4300	All Zebra-based Bradyprinters
B-459	●	R4900, R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and TLS 2200 (w/R6000 only)
B-473	●	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters
B-483	●	R6000, R7961, R7962	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters (R6000 only)
B-486	●	R4300, R6200	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-488	●	R4300, R6200	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters
B-489	●	R4300, R6200	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters
B-499	●	R4300, R4900	All Zebra-based Bradyprinters and TLS 2200 (w/R4300 only)
B-707	●	refer to file	Refer to file 041833_L_000 under Certifications at <a href="http://directories.csa-international.org">http://directories.csa-international.org</a>
B-747	●	refer to file	Refer to file 041833_L_000 under Certifications at <a href="http://directories.csa-international.org">http://directories.csa-international.org</a>
B-773	●	refer to file	Refer to file 041833_L_000 under Certifications at <a href="http://directories.csa-international.org">http://directories.csa-international.org</a>
B-7546	●	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and TLS2200
B-8423	●	R6000, R6200, R7961	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and TLS2200 (R6000 only)
B-8425	●	R6000	All Zebra-based Bradyprinters and Datamax-based Bradyprinters

CSA Accepted Materials

## CSA Accepted Materials Adhesive Label Category (Class 7921-04)

The Adhesive Label Category lists pre-printed label materials produced with approved printing processes.

●	CSA Accepted
✘	CSA Not Accepted
▲	Suitable for flood coating with a background ink (solvent screen) and additional thermal transfer printing with the R6000 series ribbon.

Refer to [www.CSA-International.org](http://www.CSA-International.org) for more info.

B-Number	Accepted	Accepted Pre-Printed Methods	Additional Printing (by end user)	Printers
B-422	● ▲	R6000, UV screen or flexographic ink in all colors	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters
B-423	● ▲	R6000, UV screen ink or UV flexographic in all colors	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters, IP and TLS 2200
B-428	●	R4300, R6200, UV or solvent screen ink or UV flexographic in all colors	R4300, R6200	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-430	●	R6000, UV screen or flexographic ink in all colors	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters, IP and TLS 2200
B-432	●	R6000, UV screen or flexographic ink in all colors	R6000	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-434	●	R6000, UV screen or flexographic ink, Solvent screen (black, blue and red)	R6000	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-435	●	R6000, UV screen or solvent screen, UV flexographic or solvent flexographic ink all colors	R6000	All Zebra-based Bradyprinters, Datamax-based Bradyprinters and Intermec-based Bradyprinters
B-473	●	R6000, UV screen or flexographic ink in all colors	R6000	All Zebra-based Bradyprinters, Intermec-based Bradyprinters (R6000 only) and Datamax-based Bradyprinters
B-483	● ▲	R6000, UV screen or flexographic ink in all colors	R6000, R7961, R7962	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-486	●	UV or solvent screen or UV flexographic ink in all colors	R4300, R6200	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-488	●	UV screen or flexographic ink in all colors	R4300, R6200	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-489	●	UV screen or flexographic ink in all colors	R4300, R6200	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-607	●	Solvent screen all colors, UV screen all colors, letterpress black only	R2000, R5000	————
B-619	●	UV screen or solvent screen or flexographic in all colors	R2000, R5000	————
B-969	●	Solvent screen all colors, UV screen all colors	R2000, R5000	————
B-8423	●	UV flexographic ink in all colors	R6000, R6200, R7961	All Zebra-based Bradyprinters and Datamax-based Bradyprinters
B-8425	●	UV flexographic ink all colors	R6000	All Zebra-based Bradyprinters and Datamax-based Bradyprinters

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BBP®72 Printer	<a href="http://www.BradyID.com/bbp72">www.BradyID.com/bbp72</a>
Brady IP™ Printer	<a href="http://www.BradyID.com/IP">www.BradyID.com/IP</a>
Bradyprinter™ PR Plus	<a href="http://www.BradyID.com/prplus">www.BradyID.com/prplus</a>
GlobalMark® Printer	<a href="http://www.BradyID.com/globalmark">www.BradyID.com/globalmark</a>
IDXPERT™ Label Printer	<a href="http://www.BradyID.com/idxpert">www.BradyID.com/idxpert</a>
TLS 2200® Printer	<a href="http://www.BradyID.com/tls2200">www.BradyID.com/tls2200</a>
TLS PC-Link™ Printer	<a href="http://www.BradyID.com/tlspclink">www.BradyID.com/tlspclink</a>
Wraptor™ Wire ID Printer	<a href="http://www.BradyID.com/wraptor">www.BradyID.com/wraptor</a>

THERE'S MORE ONLINE AT:

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- **Dot Matrix Printable Labels**
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DIDN'T SEE YOUR LABEL?

## Custom Labeling Solutions Available

Didn't see your label in the size, configuration or color you need?

Brady also offers custom label solutions for many of the materials in this catalog.

Contact our Customer Service Team at 1-888-272-3946 to find out how Brady can help!



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