

# HellermannTyton

## DATA SHEET

## HIS-3-BAG: Heatshrinkable Tubing

### DESCRIPTION

HIS-3-BAG is a polyolefin, heatshrinkable 3:1 sleeving that shrinks uniformly to form a permanent insulating covering, with an operating temperature range of  $-55^{\circ}\text{C}$  to  $+135^{\circ}\text{C}$ . It is supplied as convenient 10 cut lengths (200mm) in a bag.

### APPLICATION

HIS-3-BAG is ideal for use as insulation over cable joints or terminations. It is an ideal product for electricians to carry in their toolbox as an easily accessible repair/sleeving option.

### PROPERTIES

| Properties                           | Typical Results   | Test Method |
|--------------------------------------|---|-------------|
| Material                             | Polyolefin  |             |
| Continuous Operating Temp            | $-55^{\circ}\text{C}$ to $+135^{\circ}\text{C}$                   | IEC 216     |
| Minimum Shrink Temp                  | $+70^{\circ}\text{C}$   |             |
| Tensile Strength                     | 14 MPa  | ASTM D2671  |
| Elongation                           | 800%  | ASTM D2671  |
| Dielectric Strength                  | 20 kV/mm  | ASTM D150   |
| Flammability                         | VW-1  | UL224       |
| Resistance to                        |   |             |
| Acids                                | Good  |             |
| Alkalis                              | Good  |             |
| Oils                                 | Good  |             |
| Fuels                                | Good  |             |
| Shelf Life ( $<40^{\circ}\text{C}$ ) | 5 years   |             |
| Colour                               | Black, Red, Blue,<br>Grey, Brown,<br>Yellow/Green,<br>Transparent |             |

### STANDARDS

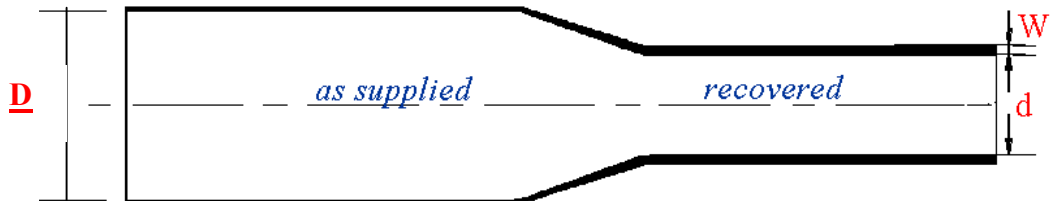
Approved to: SAE-AMS-DTL-23053/5, UL224 125°C 600V VW-1

Conforms to: MIL-DTL-23053/5 Class 1 & 3

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**HIS-3-BAG: Heatshrinkable Tubing**



| HIS-3-BAG | NOMINAL DIMENSIONS (MM) |       |      |
|-----------|-------------------------|-------|------|
|           | $D$                     | $d$   | $W$  |
| 1.5-0.5   | 1.5                     | 0.5   | 0.45 |
| 3-1       | 3.0                     | 1.0   | 0.55 |
| 6-2       | 6.0                     | 2.0   | 0.65 |
| 12-4      | 12.4                    | 4.00  | 0.80 |
| 40/13     | 40.00                   | 13.00 | 0.80 |

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