



ENGLISH

Datasheet

RS 12.7mm Black Heat Shrink Tubing 2:1, 10m Length

RS Stock 389-684



Specification

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength	min. 10.4MPa	20.9MPa
	Elongation	min. 200%	522%
	Gravity	—	0.94
	Hardness (shore-D)	—	41
Electrical	Voltage resistance	AC2.5kV x 60 sec. no breakdown	pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.2 \times 10^{16} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.30%	0.08%
	Flammability	Flammable	—



Specification

■Basic Properties

- (1) Materials : Irradiated cross-linked flexible polyolefin
- (2) Shrink temperature : min. 90°C
- (3) Shrink Ratio : Radial change: approx. 40%
Longitudinal change: min. -15%
- (4) Continuous Operating Temperature : -55 to 105°C

■Features

- (1) Shrinkage at low temperature (at 90°C)
- (2) Flexible
- (3) Transparent colours

■Specification/Approvals

SFP standard (R4-0580)

■Application

- (1) Insulation, protection and reinforcement for termination and joints of electric wire
- (2) Colour identification and bundling for electric wires
- (3) Fixing and protection for cable labels
- (4) Insulation and protection for resistor and condenser