

3:1 Polyolefin Heat Shrink Tubing Black (Heat shrink Boxed)

pro-POWER

RoHS
Compliant



Features

- Halogen Free
- Operating temperature -55°C to +125°C
- Minimum shrink temperature 70°C
- Full recovery temperature: 125°C
- Shrink Ratio 3:1
- Colour: Black

Applications

This series of heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen-free formulation makes the tubing very flexible and shrinks at a lower temperatures. Suitable for applications where temperature-sensitive components protection, e.g. PVC jacketed wire and cable and quick shrinkage is required. It has good mechanical and electrical performance.

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4 Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal Shrinkage	UL 224	±5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	≥7.3 Mpa ≥100%
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15 kV/mm
Volume Resistivity	ASTM D2671	≥1x10 ¹⁴ Ω ^{cm}
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No Corrosion

Product Dimensions

Size		As supplied	After Recovery	
Inch	mm	Internal diameter Min.(mm)	Internal diameter Max.(mm)	Wall thickness(mm)
1/8	3.2	3.0	1.0	0.55+/-0.10
3/16	4.8	4.5	1.5	0.60+/-0.10
1/4	6.4	6.0	2.0	0.65+/-0.10
3/8	9.5	9.0	3.0	0.75+/-0.15
1/2	12.7	12.0	4.0	0.75+/-0.15
3/4	19.1	18.0	6.0	0.85+/-0.15
1	25.4	24.0	8.0	1.00+/-0.20

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Part Number Table

Description	Part Number
Heat Shrink Tubing, Polyolefin, 3:1, Black, 12.7mm, 4m	HSBOX3:1BLK12.7
Heat Shrink Tubing, Polyolefin, 3:1, Black, 19.1mm, 3m	HSBOX3:1BLK19.1
Heat Shrink Tubing, Polyolefin, 3:1, Black, 25.4mm, 2m	HSBOX3:1BLK25.4
Heat Shrink Tubing, Polyolefin, 3:1, Black, 3.2mm, 10m	HSBOX3:1BLK3.2
Heat Shrink Tubing, Polyolefin, 3:1, Black, 4.8mm, 8m	HSBOX3:1BLK4.8
Heat Shrink Tubing, Polyolefin, 3:1, Black, 6.4mm, 5m	HSBOX3:1BLK6.4
Heat Shrink Tubing, Polyolefin, 3:1, Black, 9.5mm, 5m	HSBOX3:1BLK9.5

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