

Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink

pro-POWER



RoHS
Compliant

Description

The 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 lower temperature. 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 performances.

Specifications

Halogen Free	
Operating temperature	: -55°C to +125°C
Minimum shrink temperature	: 70°C
Full recovery temperature	: 125°C
Shrink Ratio	: 2:1
Colour	: Black

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal Shrinkage	UL 224	±5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	≥7.3Mpa ≥100%
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15kV/mm
Volume Resistivity	ASTM D2671	≥1×10 ¹⁴ Ω·Cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Product Dimensions

Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001845	1/16	1.6	1.5 ±0.2	0.65	0.28 ±0.1
PP001846	3/32	2.4	2.5 ±0.2	1	0.35 ±0.1
PP001847	1/8	3.2	3.5 ±0.2	1.5	0.4 ±0.1

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk

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Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001848	3/16	4.8	5 ±0.2	2.3	0.5 ±0.1
PP001849	1/4	6.4	6.5 ±0.2	3	0.55 ±0.1
PP001850	3/8	9.5	9.5 ±0.3	4.5	0.6 ±0.1
PP001851	1/2	12.7	12.5 ±0.3	6	0.6 ±0.1
PP001852	3/4	19	19 ±0.5	9	0.8 ±0.15
PP001853	1	25.4	26 ±0.5	12.5	0.9 ±0.15

Part Number Table

Description	Part Number
Tubing, Heat Shrink, 2:1, Box/Reel, 1.6mm, Black, 20m	PP001845
Tubing, Heat Shrink, 2:1, Box/Reel, 2.4mm, Black, 15m	PP001846
Tubing, Heat Shrink, 2:1, Box/Reel, 3.2mm, Black, 15m	PP001847
Tubing, Heat Shrink, 2:1, Box/Reel, 4.8mm, Black, 12m	PP001848
Tubing, Heat Shrink, 2:1, Box/Reel, 6.4mm, Black, 12m	PP001849
Tubing, Heat Shrink, 2:1, Box/Reel, 9.5mm, Black, 8m	PP001850
Tubing, Heat Shrink, 2:1, Box/Reel, 12.7mm, Black, 8m	PP001851
Tubing, Heat Shrink, 2:1, Box/Reel, 19mm, Black, 5m	PP001852
Tubing, Heat Shrink, 2:1, Box/Reel, 25.4mm, Black, 5m	PP001853

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