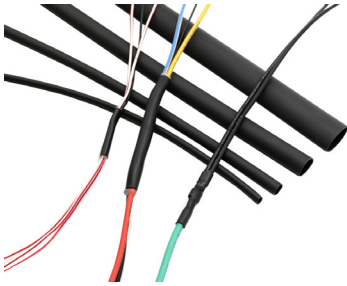


Dual Wall Tubing (4X)

Flame Retardant, High Shrink Ratio, Adhesive Lined, Semi-Rigid, Polyolefin, Heat Shrink

pro-POWER

RoHS
Compliant



Description

Flame-retardant and mechanically tough, the tubing provides strain relief and abrasion protection of wire splices, terminals and other components. High shrink ratio allows a few sizes to cover a wide range of splice and component diameters. Thick adhesive liner forms an effective barrier against fluids and moisture.

Specifications

Operating temperature	: -45°C to +125°C
Minimum Full Recovery Temperature	: 125°C
Minimum shrink temperature	: 70°C
Shrink Ratio	: 4:1
Colour	: Black
Approvals	: UL224, 125°C 600V VW-1

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥14MPa
Ultimate Elongation	ASTM D 2671	≥200%
Longitudinal Shrinkage	UL 224	≤±10%
Heat shock	250°C, 4hrs	No cracking
Flammability	VW-1	Pass (out jacket only)
Dielectric Strength	IEC 243	20kv/mm
Volume Resistivity	UL224	1x10 ¹⁴ Ω·Cm
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No corrosion

Hot Melting Adhesive Property

Test Item	Test Method	Typical Result
Water absorption Ratio	ASTM-D570	<0.2%
Softening point	ASTM-E28	95°C
Peel Strength(PE)	ASTM-D1000	120N/25mm
Peel Strength(AL)	ASTM-D1000	80N/25mm

Dual Wall Tubing (4X)

Flame Retardant, High Shrink Ratio, Adhesive Lined, Semi-Rigid, Polyolefin, Heat Shrink



Product Dimensions

Part Number	Size		As supplied	After recovery(mm)		
	Inch	mm	Internal Diameter(mm)	Internal Diameter	Total Wall Thickness	Adhesive thickness
PP001983	5/32	4	4	0.95	1.2 ±0.2	0.5 ±0.2
PP001984	1/4	6	6	1.27	1.26 ±0.3	0.5 ±0.3
PP001985	5/16	8	8	1.65	1.7 ±0.3	0.75 ±0.3
PP001981	1/2	12	12	2.41	2.1 ±0.3	0.95 ±0.3
PP001982	3/4	18	18	4.45	2.6 ±0.3	1.3 ±0.3

Part Number Table

Description	Part Number
Tubing, Heat Shrink, Dual Wall, Adhesive Lined, 4:1, 12mm, Black, 1.22m	PP001981
Tubing, Heat Shrink, Dual Wall, Adhesive Lined, 4:1, 18mm, Black, 1.22m	PP001982
Tubing, Heat Shrink, Dual Wall, Adhesive Lined, 4:1, 4mm, Black, 1.22m	PP001983
Tubing, Heat Shrink, Dual Wall, Adhesive Lined, 4:1, 6mm, Black, 1.22m	PP001984
Tubing, Heat Shrink, Dual Wall, Adhesive Lined, 4:1, 8mm, Black, 1.22m	PP001985

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