

3:1 Polyolefin Dual Wall Heat Shrink Tubing, Clear

pro-POWER

RoHS
Compliant



Features

- Operating temperature -45°C to +125°C
- Minimum shrink temperature 70°C
- Full recovery temperature 125°C
- Halogen Free and Not Flame Retardant
- Shrink Ratio 3:1
- Colour: Clear (Transparent)

Applications

Manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing for protected articles. Used to protect auto wires, shipping cable, bundle wires and metal tubes against water and moisture. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.

Technical Data - Out Jacket Material

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥12 Mpa
Ultimate Elongation	ASTM D 2671	≥300%
Longitudinal Shrinkage	UL 224	±8%
Heat Aging Ultimate Elongation	158°C, 168hrs	≥200%
Flammability	VW-1	Pass (out jacket only)
Dielectric Strength	IEC 243	≥15kV/mm
Volume Resistivity	UL224	≥10 ¹⁴ Ω.cm
Copper Stability	ASTM D 2671	Pass
Copper Corrosion	UL224	No Corrosion

Technical Data - Adhesive

Property	Test Method	Typical Data
Water Absorption	ISO 62	<0.2%
Softening Point	ASTM D E28	95°C
Peel Strength (to PE)	ASTM D 1000	120N/25m
Peel Strength (to AL)	ASTM D 1000	80N/25m

Product Dimensions

Size		As supplied	After recovery		
Inch	mm	Internal Diameter Min. (mm)	Internal Diameter Max.	Total Wall Thickness	Wall Thickness of Adhesive
1/8	3.2	3.2	1	0.9 ±0.3	0.35 ±0.2
3/16	4.8	4.8	1.6	1.05 ±0.3	0.4 ±0.2
1/4	6.4	6.4	2.2	1.25 ±0.3	0.45 ±0.2
5/16	7.9	7.9	2.7	1.3 ±0.3	0.45 ±0.2

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Size		As supplied	After recovery		
Inch	mm	Internal Diameter Min. (mm)	Internal Diameter Max.	Total Wall Thickness	Wall Thickness of Adhesive
3/8	9.5	9.5	3.2	1.45 ±0.3	0.5 ±0.2
1/2	12.7	12.7	4.2	1.65 ±0.3	0.5 ±0.2
5/8	15	15.0	5.2	1.8 ±0.3	0.55 ±0.3
3/4	19.1	19.1	6.3	1.95 ±0.3	0.6 ±0.3
1	25.4	25.4	8.5	2 ±0.4	0.6 ±0.3

Part Number Table

Description	Part Number
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 3.2mm, 10m	HS114CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 3.2mm, 1.2m	HS114CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 4.8mm, 10m	HS115CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 4.8mm, 1.2m	HS115CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 6.4mm, 10m	HS116CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 6.4mm, 1.2m	HS116CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 7.9mm, 10m	HS117CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 7.9mm, 1.2m	HS117CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 9.5mm, 10m	HS118CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 9.5mm, 1.2m	HS118CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 12.7mm, 10m	HS119CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 12.7mm, 1.2m	HS119CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 15mm, 10m	HS120CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 15mm, 1.2m	HS120CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 19mm, 10m	HS121CLR
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 19mm, 1.2m	HS121CLR1.2M
Dual Wall Heat Shrink Tubing, Polyolefin, 3:1, Clear, 25.4mm, 1.2m	HS122CLR1.2M

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