

**RoHS
Compliant**



Features

- Semi-rigid, adhesive lined, polyolefin tubing
- 3:1 shrink ratio
- Splash-resistant, moisture-resistant covering
- Rugged protection against abrasion, vibration and flexing
- Excellent strain relief and insulation of weak points
- Operation temperature range : -45°C to +125°C
- Minimum Shrink Temperature +70°C
- UL Approval: UL224, 125°C 600V VW-1 (except clear)

Product Properties

Technical Data Out Jacket Material

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥12MPa
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 (ohm-cm)	UL224	≥10 ¹⁴ Ω.cm
Copper Stability	ASTM D 2671	Pass
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

Dimension Table

Size		As supplied (mm)	After Recovered (mm)		
Inch	mm	Internal Diameter Min.	Internal Diameter Max.	Total Wall Thickness	Wall Thickness of Adhesive
1/8	Ø3.2	3.6 ±0.4	1	0.9 ±0.3	0.4 ±0.2
3/16	Ø4.8	5.2 ±0.4	1.6	1.05 ±0.3	0.4 ±0.2
1/4	Ø6.4	7 ±0.5	2.2	1.25 ±0.3	0.45 ±0.2
5/16	Ø7.9	8.5 ±0.5	2.7	1.35 ±0.3	0.45 ±0.2
3/8	Ø9.5	10 ±0.5	3.2	1.45 ±0.3	0.5 ±0.2
1/2	Ø12.7	13.2 ±0.5	4.2	1.65 ±0.3	0.5 ±0.2

Size		As supplied (mm)	After Recovered (mm)		
Inch	mm	Internal Diameter Min.	Internal Diameter Max.	Total Wall Thickness	Wall Thickness of Adhesive
5/8	Ø15	15.5 ±0.5	5.2	1.8 ±0.3	0.55 ±0.3
3/4	Ø19.1	19.8 ±0.7	6.3	1.95 ±0.3	0.6 ±0.3
1	Ø25.4	25.4	8.5	2 ±0.4	0.6 ±0.3
1-1/4	Ø30	30	10.2	2.15 ±0.4	0.65 ±0.3
1-1/2	Ø39	39	13.5	2.15 ±0.4	0.65 ±0.3
2	Ø50	50	17	2.45 ±0.4	0.75 ±0.3

Part Number Table

Description	Part Number
Heat Shrink Tubing, 3:1, 3.2mm, Black, 10m	HS114
Heat Shrink Tubing, 3:1, 4.8mm, Black, 10m	HS115
Heat Shrink Tubing, 3:1, 6.4mm, Black, 10m	HS116
Heat Shrink Tubing, 3:1, 7.9mm, Black, 10m	HS117
Heat Shrink Tubing, 3:1, 9.5mm, Black, 10m	HS118
Heat Shrink Tubing, 3:1, 12.7mm, Black, 10m	HS119
Heat Shrink Tubing, 3:1, 15mm, Black, 10m	HS120
Heat Shrink Tubing, 3:1, 19.1mm, Black, 10m	HS121
Heat Shrink Tubing, 3:1, 3.2mm, Black, 1.2m	HS114 1.2M
Heat Shrink Tubing, 3:1, 4.8mm, Black, 1.2m	HS115 1.2M
Heat Shrink Tubing, 3:1, 6.4mm, Black, 1.2m	HS116 1.2M
Heat Shrink Tubing, 3:1, 7.9mm, Black, 1.2m	HS117 1.2M
Heat Shrink Tubing, 3:1, 9.5mm, Black, 1.2m	HS118 1.2M
Heat Shrink Tubing, 3:1, 12.7mm, Black, 1.2m	HS119 1.2M
Heat Shrink Tubing, 3:1, 15mm, Black, 1.2m	HS120 1.2M
Heat Shrink Tubing, 3:1, 19.1mm, Black, 1.2m	HS121 1.2M
Heat Shrink Tubing, 3:1, 25.4mm, Black, 1.2m	HS122 1.2M
Heat Shrink Tubing, 3:1, 30mm, Black, 1.2m	HS123 1.2M
Heat Shrink Tubing, 3:1, 39mm, Black, 1.2m	HS124 1.2M
Heat Shrink Tubing, 3:1, 50mm, Black, 1.2m	HS125 1.2M

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