TECHNICAL DATA SHEET

RoHS Compliant

3:1 ADHESIVE-LINED HEAT SHRINK TUBING

MODELS: PP11025-PP11032



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: -55°C to +125°C

Dimensions:

Size		As Supplied (mm)			As Recovered (mm)			
Inch	mm	ID	Total Wall Thickness	OD	ID	Total Wall Thickness	Adhesive Thickness	OD
1/8	3.20	3.60	0.30	4.20	1.00	0.90	0.40	2.80
3/16	4.80	5.20	0.35	5.90	1.60	1.05	0.40	3.70
1/4	6.40	7.00	0.40	7.80	2.20	1.25	0.45	4.70
5/16	7.90	8.50	0.45	9.40	2.70	1.35	0.45	5.40
3/8	9.50	10.00	0.45	10.90	3.20	1.45	0.50	6.10
1/2	12.70	13.20	0.50	14.20	4.20	1.65	0.50	7.50
5/8	15.00	15.50	0.55	16.60	5.20	1.80	0.55	8.80
3/4	19.10	19.80	0.60	21.00	6.30	1.95	0.60	10.20

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Properties:

Property (units)	Test Method	Requirement
Physical		
Tensile Strength (psi)	ASTM D638	1,500 min.
Elongation (%)	ASTM D638	300 min.
Cold Impact (-55°C)	ASTM D746	No cracking
Heat Shock (250°C, 4 hours)	AMS-DTL-23053	No cracking
Secant Modulus (psi)	ASTM D882	25,000 max.
Longitudinal Change (%)	AMS-DTL-23053	±5
Electrical		
Dielectric Strength (Volts/mm)	ASTM D876	1,500 min.
Volume Resistivity (23°C, 24 hrs)	ASTM D876	$1x10^{14}$
Chemical		
Corrosion	UL224	No corrosion
Water Absorption (%)	ASTM D570	2 max.
Fluid Resistance (23°C, 24 hrs)	-	Good
Flammability	UL224	Pass

Product Codes:

Size (mm)	Length (m)	Colour	Code
3.20	200	Black	PP11025
4.80	100		PP11026
6.40	100		PP11027
7.90	100		PP11028
9.50	50		PP11029
12.70	25		PP11030
15.00	25		PP11031
19.10	25		PP11032

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