

Heat Shrink Tubings

pro-POWER

HS100 Series



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

Dimension Table

Size (Inches)	Inside Diameter		Recovered Wall Thickness	
	As Supplied	Maximum After Recovery	Total Wall After Heating	Meltable Wall After Heating
1/8	3.2 ±0.4	1	0.95	0.35
3/16	4.8 ±0.4	1.6	1.1	0.5
1/4	6.4 ±0.4	2.2	1.2	0.6
3/8	9.5 ±0.4	3.2	1.4	0.65
1/2	12.7 ±0.8	4.2	1.5	0.75
3/4	19.1 ±0.1	6.3	2	0.9

Dimensions : Millimetres

Product 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 hrs)	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 (Ω-cm)	ASTM D876	1 × 10 ¹⁴
Chemical		
Corrosion	UL224	no corrosion
Water Absorption (%)	ASTM D570	2 max.
Fluid Resistance (23°C, 24 hrs)	-	Good
Flammability	UL224	Pass

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Part Number Table

Description	Part Number
Heat Shrink, 3:1, 3.2 mm, BLK, 10 m	HS114
Heat Shrink, 3:1, 4.8 mm, BLK, 10 m	HS115
Heat Shrink, 3:1, 6.4 mm, BLK, 10 m	HS116
Heat Shrink, 3:1, 7.9 mm, BLK, 10 m	HS117
Heat Shrink, 3:1, 9.5 mm, BLK, 10 m	HS118
Heat Shrink, 3:1, 12.7 mm, BLK, 10 m	HS119
Heat Shrink, 3:1, 15 mm, BLK, 10 m	HS120
Heat Shrink, 3:1, 19.1 mm, BLK, 10 m	HS121

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