

HS100 Series

Heat Shrink Tubing

PRO-POWER
Quality Cables



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.

Product Dimensions

Size (Inch)	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	0.95	0.35
3/16"	4.8 ±0.4	1.6	1.10	0.50
1/4"	6.4 ±0.4	2.2	1.20	0.60
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 ±0.10	6.3	2.0	0.90

Dimensions : Millimetres

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Product Properties

Property (Units)	Test Method	Requirement
Physical:		
Tensile strength (psi)	ASTM D638	1500 minimum
Elongation (%)	ASTM D638	300 minimum
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 maximum
Longitudinal change (%)	AMS-DTL-23053	±5
Electrical:		
Dielectric strength (Volts/mil)	ASTM D876	1500 minimum
Volume resistivity (ohm-cm)	ASTM D876	1.0 x 10 ¹⁴
Chemical:		
Corrosion	UL 224	no corrosion
Water absorption (%)	ASTM D570	2.0 maximum
Fluid resistance (23°C, 24 hours)	-	Good
Flammability	UL 224	Pass

Part Number Table

Description	Part Number
Heat Shrink Tubing Black 3:1 3.2 10M	HS114
Heat Shrink Tubing Black 3:1 4.8 10M	HS115
Heat Shrink Tubing Black 3:1 6.4 10M	HS116
Heat Shrink Tubing Black 3:1 7.9 10M	HS117
Heat Shrink Tubing Black 3:1 9.5 10M	HS118
Heat Shrink Tubing Black 3:1 12.7 10M	HS119
Heat Shrink Tubing Black 3:1 15 10M	HS120
Heat Shrink Tubing Black 3:1 19.1 10M	HS121

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Notes:

International Sales Offices:



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