

Thin wall heat shrink tube

S2-70 Low Shrink Temperature Thin Wall Heat Shrink Tube

Application

A low shrink temperature(starts to shrink at 70°C),thin wall, flexible, environmental friendly, polyolefin heat shrinkable tube. Suitable for insulation protection, parts identification, mechanical protection, bundling of wires, wire harnesses, and electronic components.

Feature

- Operating temperature: -40 to 125°C
- Environmental friendly, RoHS compliant
- Min. full recovery temperature: 100°C
- Standard Color: Black (-0), Clear (-X)
- Starting to contract at a low temperature of 70°C
- Shrink Ratio: 2:1

Dimension

Part No. S2-70	As supplied(mm)	After recovered (mm)		Standard Length m/roll
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t	
1.6/0.8	1.6	0.8	0.35±0.10	200
2.4/1.2	2.4	1.2	0.40±0.10	200
3.2/1.6	3.2	1.6	0.45±0.10	200
4.8/2.4	4.8	2.4	0.50±0.12	100
6.4/3.2	6.4	3.2	0.55±0.12	100
9.5/4.8	9.5	4.8	0.60±0.12	100
12.7/6.4	12.7	6.4	0.60±0.12	100
19.0/9.5	19.0	9.5	0.85±0.15	100
25.4/12.7	25.4	12.7	0.95±0.18	50
32/16	32.0	16.0	1.00±0.20	50
38/19	38.0	19.0	1.05±0.20	50
52/16	52.0	26.0	1.05±0.20	25

Ordering Note: Please order according to "model-specification-color", such as S2-70-9.5/4.8-0
Color code: Black (-0), Clear (-X)

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥7.3 MPa
Ultimate Elongation	ASTM D2671	≥200%
Water absorption (23°C/24h)	ASTM D570	≤0.5%
Low-temperature flexibility(-40°C/4h)	ASTM D2671	No cracking
Heat shock(175°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥ 19.7kV
Volume resistivity	ASTM D2671	≥1.0×10 ¹⁴ Ω·cm
Flammability	FMVSS 302	≤100mm/min
Copper corrosion(125°C/16h)	ASTM D2671	No corrosion

