

HSKIT2:1BLK

Halogen free, Flexible, Polyolefin Heat Shrink Tubing Kit. 2:1 Normal Wall Tubing: SHW-1-H(2X).

This kit comprises varying sizes and lengths of 2:1 black tubing packed in a handy transparent plastic compartment box.

This Kit Contains:

150pcs of 2:1 normal wall tube

40pcs 2.0 x 30mm black
40pcs 2.5 x 60mm black
20pcs 3.5 x 60mm black
15pcs 5.0 x 60mm black
11pcs 6.0 x 60mm black
8pcs 8.0 x 100mm black
8pcs 10.0 x 100mm black
8pcs 13.0 x 100mm black

Characteristics

- Halogen Free
- Operating temperature -55°C to +125°C
- Minimum shrink temperature 70°C
- Full recovery temperature: 125°C
- Shrink Ratio 2:1
- RoHS Compliant

Applications

SHW-1-H series of heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen free formulation makes the tubing very flexible and shrinks at lower temperature. Suitable for applications where temperature sensitive components protection, e.g. PVC jacketed wire and cable and quick shrinkage is required. It has good mechanical and electrical performances.

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥ 10.4 Mpa
Ultimate Elongation	ASTM D2671	$\geq 200\%$
Longitudinal Shrinkage	UL 224	+/-5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hr	≥ 7.3 Mpa $\geq 100\%$
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥ 15 kV/mm
Volume Resistivity	ASTM D2671	$\geq 1 \times 10^{14} \Omega \cdot \text{cm}$
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Normal Wall 2:1 Heat Shrinkable Tubing (SHW-1-H(2X))

Size		As supplied		After Shrinkage(mm)		Standard Package
Inch	mm	Internal diameter (mm)	Wall thickness (mm)	Internal diameter Max(mm)	Wall thickness (mm)	Spool Length (m/spool)
3/32	2.0	2.4±0.2	0.13±0.05	1.0	0.22+/-0.10	200
	2.5	2.9±0.2	0.13±0.05	1.3	0.25+/-0.10	200
	3.5	3.9±0.2	0.13±0.05	1.8	0.28+/-0.10	200
	5.0	5.5±0.2	0.15±0.05	2.5	0.32+/-0.10	100
1/4	6.0	6.5±0.2	0.15±0.05	3.0	0.32+/-0.10	100
5/16	8.0	8.5±0.3	0.15±0.05	4.0	0.32+/-0.10	200
	10.0	10.5±0.3	0.15±0.05	5.0	0.35+/-0.10	200
	13.0	13.5±0.3	0.20±0.05	6.5	0.40+/-0.10	200