

HSBOX2:1 BLACK (SHW-1-H(2X))

FLEXIBLE, HALOGEN FREE, POLYOLEFIN HEAT SHRINK TUBING

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
Meets Sony-SS-00259
- Standard Colors: Black, red, blue, yellow, green, white (Other colors are also available on request)



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, 168hrs	≥ 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

Product Dimensions (inch/mm)

Size		As supplied	After Recovery(mm)		Standard Package
Inch	mm	Internal diameter(mm)	Internal diameter Max(mm)	Wall thickness (mm)	Spool Length (m/spool)
3/64	1.2	1.1±0.2	0.50	0.22+/-0.10	200
1/16	1.6	1.5±0.2	0.65	0.28+/-0.10	200
3/32	2.4	2.5±0.2	1.00	0.35+/-0.10	200
1/8	3.2	3.5±0.2	1.50	0.40+/-0.10	200
3/16	4.8	5.0±0.2	2.30	0.50+/-0.10	100
1/4	6.4	6.5±0.2	3.0	0.55+/-0.10	100
5/16	7.9	8.5±0.3	4.0	0.60+/-0.10	100
3/8	9.5	9.5±0.3	4.5	0.60+/-0.10	100
1/2	12.7	12.5±0.3	6.0	0.60+/-0.10	100
5/8	15.9	16.5±0.4	8.0	0.70+/-0.10	100
3/4	19.0	19.0±0.5	9.0	0.80+/-0.15	100
1	25.4	26.0±0.5	12.5	0.90+/-0.15	50
1-1/4	31.7	31.5±1.0	15.0	0.95+/-0.15	50
1-1/2	38.1	41.5±1.0	20.0	1.00+/-0.15	50
2	50.8	≥50	25.0	1.00+/-0.15	25
3	76.2	≥80	41.0	1.46+/-0.20	25
4	101.6	≥100	51.0	1.46+/-0.20	25
5	127	≥120	61.0	1.56+/-0.20	25
6	152.4	≥150	76.0	1.56+/-0.20	25
7	177.8	≥180	91.0	1.56+/-0.20	25

Product Code Table

Description.	Product Code
Heatshrink 2:1 Box/Reel 1.60mm Black 20m	HSBOX1.6BLK
Heatshrink 2:1 Box/Reel 2.40mm Black 15m	HSBOX2.4BLK
Heatshrink 2:1 Box/Reel 3.20mm Black 15m	HSBOX3.2BLK
Heatshrink 2:1 Box/Reel 4.80mm Black 12m	HSBOX4.8BLK
Heatshrink 2:1 Box/Reel 6.40mm Black 12m	HSBOX6.4BLK
Heatshrink 2:1 Box/Reel 9.50mm Black 8m	HSBOX9.5BLK
Heatshrink 2:1 Box/Reel 12.70mm Black 8m	HSBOX12.7BLK
Heatshrink 2:1 Box/Reel 19mm Black 5m	HSBOX19BLK
Heatshrink 2:1 Box/Reel 25.40mm Black 5m	HSBOX25.4BLK