

HSBAG

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
- 1000 pieces per bag
- Standard Colors: Black, red, blue, yellow, green, white (Other colors are also available on request)



Applications

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	≥200%
Longitudinal Shrinkage	UL 224	+/-5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hr	≥7.3 Mpa ≥100%
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15 kV/mm
Volume Resistivity	ASTM D2671	≥1x10 ¹⁴ Ω·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)	Wall thickness (mm)	Internal diameter Max(mm)	Wall thickness (mm)	Spool Length (m/spool)
3/64	1.2	1.1±0.2	0.18±0.05	0.50	0.33+/-0.10	200
1/16	1.6	1.5±0.2	0.20±0.05	0.65	0.36+/-0.10	200
3/32	2.4	2.5±0.2	0.20±0.05	1.00	0.45+/-0.10	200
1/8	3.2	3.5±0.2	0.20±0.05	1.50	0.45+/-0.10	200
3/16	4.8	5.0±0.2	0.28±0.05	2.30	0.56+/-0.10	100
1/4	6.4	6.5±0.2	0.28±0.05	3.0	0.56+/-0.10	100
5/16	7.9	8.5±0.3	0.30±0.08	4.0	0.56+/-0.10	100
3/8	9.5	9.5±0.3	0.30±0.08	4.5	0.56+/-0.10	100
1/2	12.7	12.5±0.3	0.30±0.08	6.0	0.56+/-0.10	100
5/8	15.9	16.5±0.4	0.35±0.10	8.0	0.70+/-0.10	100
3/4	19.0	19.0±0.5	0.35±0.10	9.0	0.70+/-0.10	100
1	25.4	26.0±0.5	0.45±0.12	12.5	0.90+/-0.15	50
1-1/4	31.7	31.5±1.0	0.45±0.12	15.0	1.00+/-0.15	50
1-1/2	38.1	41.5±1.0	0.50±0.12	20.0	1.00+/-0.15	50
2	50.8	≥50	0.50±0.15	25.0	1.10+/-0.20	25
2-1/4	57.2	≥60	0.50±0.15	31.0	1.30+/-0.20	25
3	76.2	≥80	0.65±0.20	40.0	1.46+/-0.20	25
4	101.6	≥100	0.65±0.20	50.0	1.46+/-0.20	25
5	127	≥120	0.65±0.20	60.0	1.46+/-0.20	25
6	152.4	≥150	0.65±0.20	75.0	1.46+/-0.20	25
7	177.8	≥180	0.65±0.20	90.0	1.46+/-0.20	25

Product Code Table

Description.	Product Code
Heatshrink 2:1 Black 3.2mm cut to 150mm bagged in 1000	HS3.2BAGBLK
Heatshrink 2:1 Red 3.2mm cut to 150mm bagged in 1000	HS3.2BAGRED
Heatshrink 2:1 Black 6.4mm cut to 150mm bagged in 1000	HS6.4BAGBLK
Heatshrink 2:1 Blue 6.4mm cut to 150mm bagged in 1000	HS6.4BAGBLU
Heatshrink 2:1 Yellow 6.4mm cut to 150mm bagged in 1000	HS6.4BAGYEL
Heatshrink 2:1 Red 9.5mm cut to 150mm bagged in 1000	HS9.5BAGRED