

HS6.4BAG

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: 120°C
- Shrink Ratio 2:1
- RoHS Compliant
- 1000pieces per bag



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	Standard Value
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)	Internal diameter Max(mm)	Wall thickness Nom(mm)	Spool Length (m/spool)
3/64	1.2	1.1±0.2	0.50	0.22	200
1/16	1.6	1.5±0.2	0.65	0.28	200
3/32	2.4	2.5±0.2	1.00	0.35	200
1/8	3.2	3.5±0.2	1.50	0.40	200
3/16	4.8	5.0±0.2	2.30	0.50	100
1/4	6.4	6.5±0.2	3.0	0.55	100
5/16	7.9	8.5±0.3	4.0	0.60	100
3/8	9.5	9.5±0.3	4.5	0.60	100
1/2	12.7	12.5±0.3	6.0	0.60	100
5/8	15.9	15.5±0.4	7.5	0.70	100
3/4	19.0	19.0±0.5	9.0	0.80	100
1	25.4	26.0±0.5	12.5	0.90	50
1-1/4	31.7	31.5±1.0	15.0	0.95	50
1-1/2	38.1	41.5±1.0	20.0	1.00	50
2	50.8	≥50	25.0	1.00	25
3	76.2	≥80	41.0	1.46	25
4	101.6	≥100	51.0	1.46	25
5	127	≥120	61.0	1.56	25
6	152.4	≥150	76.0	1.56	25
7	177.8	≥180	91.0	1.56	25

Product Code Table

Description.	Product Code
Heatshrink Tubing Norm Wall 2:1 Black 6.40mm 20mm	HS6.4BAG