

THIN WALL TUBING

Heatshrink

ULTRA THIN WALL, FLEXIBLE,
HALOGEN FREE, POLYOLEFIN HEAT SHRINK TUBING

Characteristics

- Ultra Thin Wall
- 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

Typically used where rapid shrinking and space saving is important. Low shrink temperature further reduces installation time and risk of damage to temperature sensitive components. Halogen free formulation makes this a product that meets higher environmental standards.

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(mm)	After Recovery(mm)		Standard Package (m/spool)
Inch	Metric(mm)		Internal diameter	Wall thickness	
1/16	1.6	1.4±0.2	0.65	0.20+/-0.10	200
3/32	2.4	2.4±0.2	1.00	0.22+/-0.10	200
1/8	3.2	3.4±0.2	1.50	0.28+/-0.10	200
3/16	4.8	4.9±0.2	2.30	0.30+/-0.10	100
1/4	6.4	6.5±0.2	3.00	0.32+/-0.10	100
5/16	7.9	8.5±0.3	4.00	0.32+/-0.10	100
3/8	9.5	9.5±0.3	4.50	0.35+/-0.10	100
1/2	12.7	12.5±0.3	6.00	0.40+/-0.10	100
5/8	15.9	16.5±0.4	8.00	0.40+/-0.10	100
3/4	19.0	18.5±0.4	9.0	0.42+/-0.10	100
1	25.4	25.5±0.5	12.5	0.45+/-0.10	50

Product Codes

TAPE100	eLumen8	9.5mm (3/8") Heatshrink Tubing, 2:1 Clear, 100m
TAPE100B	eLumen8	9.5mm (3/8") Heatshrink Tubing, 2:1 Black, 100m
TAPE101	eLumen8	12.7mm (1/2") Heatshrink Tubing, 2:1 Clear, 100m
TAPE101B	eLumen8	12.7mm (1/2") Heatshrink Tubing, 2:1 Black, 100m
TAPE102	eLumen8	19mm (3/4") Heatshrink Tubing, 2:1 Clear, 100m
TAPE102B	eLumen8	19mm (3/4") Heatshrink Tubing, 2:1 Black, 100m
TAPE103	eLumen8	25.4mm (1") Heatshrink Tubing, 2:1 Clear, 50m
TAPE103B	eLumen8	25.4mm (1") Heatshrink Tubing, 2:1 Black, 50m
TAPE104	eLumen8	38.1mm (1 1/2") Heatshrink Tubing, 2:1 Clear, 50m
TAPE104B	eLumen8	38.1mm (1 1/2") Heatshrink Tubing, 2:1 Black, 50m
TAPE105	eLumen8	50.8mm (2") Heatshrink Tubing, 2:1 Clear, 25m
TAPE105B	eLumen8	50.8mm (2") Heatshrink Tubing, 2:1 Black, 25m
TAPE106	eLumen8	2.4mm (3/32") Heatshrink Tubing, 2:1 Clear, 100m
TAPE106B	eLumen8	2.4mm (3/32") Heatshrink Tubing, 2:1 Black, 100m
TAPE107	eLumen8	4.8mm (3/16") Heatshrink Tubing, 2:1 Clear, 100m
TAPE107B	eLumen8	4.8mm (3/16") Heatshrink Tubing, 2:1 Black, 100m
TAPE108	eLumen8	6.4mm (1/4") Heatshrink Tubing, 2:1 Clear, 100m
TAPE108B	eLumen8	6.4mm (1/4") Heatshrink Tubing, 2:1 Black, 100m