



Description

Very low shrink temperature, flexible, halogen free, polyolefin thin wall heat shrink tubing.

Applications

This thin wall heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen free formulation makes the tubing very flexible and able to shrink at a lower temperature. It is suitable for applications where temperature sensitive components protection (e.g. PVC jacketed wire and cable) and quick shrinkage is required. The flammability of the tubing meets the automotive flame propagation standard MVSS3 302. This tubing has good mechanical and electrical performances.

Specifications:

Operating temperature	: -40°C to +125°C
Min. Shrink Temperature	: 65°C
Shrink Ratio	: 2 : 1
Colour	: Black

Technical Data

Property	Typical Data
Tensile Strength	15MPa
Ultimate Elongation (%)	450
Longitudinal Shrinkage (%)	+/- 5
Heat Aging Tensile Strength	11MPa
Ultimate Elongation (%)	300
Flammability	Pass
Dielectric Strength (kv/mm)	20
Volume Resistivity (ohm-cm)	1×10^{14}

Part Number table

Description	Size mm (Inch)	As Supplied I.D. (mm)	After Recovery Max. I.D. (mm)	Length (Imperial)	Length (Metric)	Part Number
Thin Wall Heat Shrink Tubing	1.6 (1/16)	1.4 ±0.2	0.8	328 ft	100m	HFTW13633
	2.4 (3/32)	2.4 ±0.2	1.2	328 ft	100m	HFTW13634
	3.2 (1/8)	3.4 ±0.2	1.6	328 ft	100m	HFTW13635
	4.8 (3/16)	4.9 ±0.2	2.4	328 ft	100m	HFTW13636
	6.4 (1/4)	6.5 ±0.2	3.2	328 ft	100m	HFTW13637
	9.5 (3/8)	9.5 ±0.3	4.8	328 ft	100m	HFTW13638
	12.7 (1/2)	12.5 ±0.3	6.4	328 ft	100m	HFTW13639
	19.1 (3/4)	18.5 ±0.4	9.5	328 ft	100m	HFTW13640
	25.4 (1)	25.5 ±0.5	12.7	164 ft	50m	HFTW13641
	38.1 (1-1/2)	41.5 ±1	19.1	164 ft	50m	HFTW13642
	50.8 (2)	51.5 ±1	25.4	82 ft	25m	HFTW13643
	1.6 (1/16)	1.4 ±0.2	0.8	16.4 ft	5m	HFTW13644
	2.4 (3/32)	2.4 ±0.2	1.2	16.4 ft	5m	HFTW13645
	3.2 (1/8)	3.4 ±0.2	1.6	16.4 ft	5m	HFTW13646
	4.8 (3/16)	4.9 ±0.2	2.4	16.4 ft	5m	HFTW13647
	6.4 (1/4)	6.5 ±0.2	3.2	16.4 ft	5m	HFTW13648
	9.5 (3/8)	9.5 ±0.3	4.8	16.4 ft	5m	HFTW13649
	12.7 (1/2)	12.5 ±0.3	6.4	16.4 ft	5m	HFTW13650
	19.1 (3/4)	18.5 ±0.4	9.5	16.4 ft	5m	HFTW13651
	25.4 (1)	25.5 ±0.5	12.7	16.4 ft	5m	HFTW13652
	38.1 (1-1/2)	41.5 ±1	19.1	16.4 ft	5m	HFTW13653
	50.8 (2)	51.5 ±1	25.4	16.4 ft	5m	HFTW13654

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