



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}

Heat Shrink Tubing



Part Number table

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.