

Thin Wall Lay-flat Heat Shrink Sleeve PET Tubing 2:1 Ratio



A thin wall, eco-friendly material made of polyester that offers excellent electrical insulation. It is rigid which offers zero halogen and is toxic free. PTLF is available in width from 7mm up to 150 mm and wall thickness from 0.07 to 0.12mm.

- Operating Temperature Range -40°C to 125°C
- Shrink Temperature 100°C
- Toxic Free Polyester
- Prime Eco-Friendly
- Zero Halogen

Shrink Sleeve

The Worldwide Tubing Solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the 21st Century.

www.shrinksleeve.com

Tel : 01732 462841 Fax : 01732 462851
mailto: info@shrinksleeve.com



Technical Data

Property	Test Method	Values
Tensile Strength	ASTM D 638	521 kg/cm ²
Ultimate Elongation	ASTM D 638	300 %
Specific Gravity	ASTM D 1505	1.33
Flexural Strength	ASTM D 790	1,470 kg/cm ²
Cycle Temperature Life Test	(300hrs at - 40°C ~ 125°C 300 times)	No cracking or splitting
Temp. Melting		244°C
Temp. Glass Transition	DSC	82°C
Temp. Heat Variation		75°C
Impact Strength	Izod Notched	3.6 kg/cm ²
Impact Strength	Dart	827 kg/cm ²
Nontransparency(4mm)	ASTM D 1505	< 2 %
Light Transmissivity	ASTM D 570	85 %
Electric Strength	JIS C 2110	AC 1,500 V
Volume Resistivity	ASTM D 2671	10 ¹⁴ ohm-cm
Heavy Metal	Pb & Cd	Free
Evaporation Residue		4 mg/liter
KMnO4 vol. of Consumption		3 mg/liter
Water Absorption	ASTM D 570	0.10 %

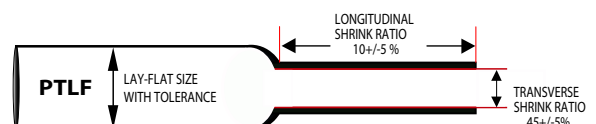
Specification References

NON-FLAME RETARDANT	RECYCLING

Dimensions

LAY-FLAT SIZE (mm)	LAY-FLAT SIZE TOLERANCE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (%)	LONGITUDINAL SHRINK RATIO (%)
7 ~ 14	+ 0.8/-0	0.05 ~ 0.07	45 +/- 5	10 +/- 5
15 ~ 24	+ 1.0/-0	0.05 ~ 0.10	45 +/- 5	10 +/- 5
25 ~ 39	+ 1.3/-0	0.07 ~ 0.12	45 +/- 5	10 +/- 5
40 ~ 54	+ 1.5/-0	0.07 ~ 0.12	45 +/- 5	10 +/- 5
55 ~ 74	+ 2.0/-0	0.07 ~ 0.12	45 +/- 5	10 +/- 5
75 ~ 91	+ 3.0/-0	0.07 ~ 0.12	45 +/- 5	10 +/- 5
92 ~ 150	+ 4.0/-0	0.07 ~ 0.12	45 +/- 5	10 +/- 5

** This is a guide for tolerances only.



Colour : Black (BK), Red (RD), Yellow (YW), White (WT), Blue (BU), Green (GN), Violet (VL), Brown (BR), Clear (HC)

Order : Product Width / Wall Grade Colour
PTLF ___ / ___ J ___
Ex. 44mm x 0.10mm Clear - PTLF440/10JHC