

Thin-Wall Layflat Heat Shrink Sleeve PET(Polyester) Tubing 2:1 Ratio



A thin wall, eco-friendly material made of PET that offers excellent electrical insulation and chemical property. It maintains a high degree of flexibility and is toxic free. Layflat PET is available in width from 6 to 67 mm and larger, with wall thickness from 0.05 to 0.15mm. It operates in temperatures up to 125°C.

- Operating Temperature Range -40°C to 125°C
- Shrink Temperature 100°C
- Prime Eco-Friendly
- Free From Toxic Gases



Shrink Sleeve Ltd.

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 early 21st Century.

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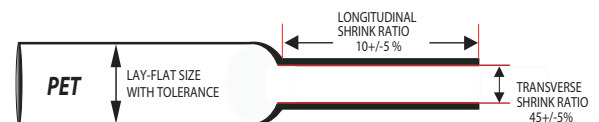
Technical Data

Physical

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 300times)	No cracking or splitting
Temp.	Melting	244°C
	Glass Transition	DSC 82°C
	Heat Variation	75°C
Impact Strength	Izod Notched	ASTM D 256 3.6 kg/cm ²
	Dart	ASTM D 3763 827 kg/cm ²
Nontransparency(4mm)	ASTM D 1505	< 2%
Light Transmissivity	ASTM D 570	85%
Electrical		
Electric Strength	JIS C 2110	AC 1,500V
Volume Resistivity	ASTM D 2671	10 ¹⁴ ohm-cm
Chemical		
Heavy Metal	Pb & Cd	Free
Evaporation Residue		4 mg/liter
KMnO ₄ vol. of Consumption		3 mg/liter
Water Absorption	ASTM D 570	0.10%

Dimensions

LAY-FLAT SIZE (mm)	LAY-FLAT SIZE TOLERANCE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (%)	LONGITUDINAL SHRINK RATIO (%)
6 ~ 8	+0.5/-0	0.05 ~ 0.07	45 +/- 5	10 +/- 5
9 ~ 11	+0.5/-0	0.05 ~ 0.08	45 +/- 5	10 +/- 5
12 ~ 16	+0.8/-0	0.05 ~ 0.10	45 +/- 5	10 +/- 5
17 ~ 20	+1.0/-0	0.05 ~ 0.12	45 +/- 5	10 +/- 5
21 ~ 40	+1.3/-0	0.07 ~ 0.15	45 +/- 5	10 +/- 5
41 ~ 54	+1.5/-0	0.07 ~ 0.15	45 +/- 5	10 +/- 5
55 ~ 67	+2.0/-0	0.07 ~ 0.15	45 +/- 5	10 +/- 5



Colour : Black (BK), Red (RD), Yellow (YW), White (WT), Blue (BU), Green (GN), Violet (VL), Brown (BR), Clear (HC) (Other colours available to order).

ORDERING INFORMATION : Product **Width / Wall Trace Colour**
PTLF ____ / ____ J ____
e.g. PTLF68/15JBK