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



FEATURES

- 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
- Available in width from 7mm to 150mm and wall thickness from 0.07 to 0.20mm
- Operating temperature range -40°C to 125°C
- Shrink temperature 100°C
- RoHS compliant, TBT free, Halogen free
- Eco-friendly
- Zero Halogen

Mechanical Tensile Strength **ASTM D 882** Above 200 kgf /mm² ASTM D 882 Above 200% Elongation Gravity ASTM D 792 1.3 ~ 1.4 Tear Strength ASTM D 1004 Above 2.0 kgf Thermal **Glass Transition** DSC 75~80°C DSC 230~245°C Melting Temp UI 94 Flame Retardants Dielectric Breakdown KS C IEC 60684-2 Above 80kV/mm Electrical Voltage Above 1.0 x 10³ Insulation Resistance KS C IEC 60684-2 MΩ KS C IEC 60684-2 Endured 1min at Withstanding Voltage AC 1500V Above 1.0x10¹⁴ Volume Resistivity ASTM D 257 Above 1.0x10 9 Surface Resistivity ASTM D 257 Chemical Water Absorption JIS C 2133 (24hr Less than 0.5% immersion) 10% NaCl Internal Method 0.5% (24hr immersion) 30% H2SO4 Internal Method 0.5% (24hr immersion) 40% HNO3 Internal Method 0.5% (24hr immersion) 40% NaOH Internal Method 0.5% (24hr immersion)

TECHNICAL DATA

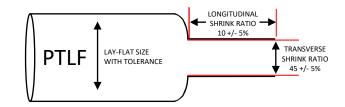


SPECIFICATION REFERENCES



LAY-FLAT SIZE (mm)	LAY-FLAT SIZE TOLERANCE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (%)	LONGITUDINAL SHRINK RATIO (%)
7 ~ 14	+0.8/-0	0.07 ~ 0.07	45±5	10±5
15 ~ 24	+1.0/-0	0.07 ~ 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 ~ 0.20	45±5	10±5
75 ~ 91	+3.0/-0	0.07 ~ 0.20	45±5	10±5
92 ~ 150	+4.0/-0	0.07 ~ 0.20	45±5	10±5

*Guide for tolerances only



ORDERING

Comes in a wide range of colours and is normally supplied in in reels and can be perforated or cut to length. Perforation can be horizontal or vertical.

COLOURS:

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

ORDER CODE:

Product Width / Wall Grade Colour PTLF _____ J ____ J Example: 44mm x 0.10mm Clear is PTLF400/10JHC

Shrink Sleeve Ltd. 01732 462841 - <u>www.shrinksleeve.com</u> - info@shrinksleeve.com Shrink Sleeve Ltd. Is a BS EN ISO 9001: 2015 registered company

All information above is as accurate as possible but should be treated as a guide only. Shrink Sleeve Ltd shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of the product. It remains the responsibility of the user to determine suitability and test the product.