

Thin-Wall Layflat Heat Shrink Sleeve P.V.C Tubing 2:1 Ratio



A thin wall, low cost material made of PVC that offers excellent electrical insulation and the lowest shrink temperature of all tubings. It maintains a high degree of flexibility and resists most chemicals and oils. Layflat PVC is available in widths from 5.8 to 300 mm. Operates up to 105°C and is U/L recognized.

- Operating Temperature Range -40°C to 105°C
- Shrink Temperature 100°C
- Excellent Shape Insulation
- UL Approvals



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.

Shrink Sleeve Ltd.
Camion House, Mill Lane
Sevenoaks, Kent, TN14 5BX
United Kingdom.

ISO 9001 REGISTERED FIRM
Tel : + 44 (0)1732 462841
Fax : + 44 (0)1732 462851
Contact E-mail: info@shrinksleeve.com

Technical Data

Property	Test Method	Values
Tensile Strength	JIS 6723	450 kg/cm ²
Ultimate Elongation	JIS 6723	100%
Specific Gravity	ASTM D 1505	1.20 ~ 1.30
Cycle Temperature Life Test	(300hrs at -40°C ~ 105°C 300times)	No cracking or splitting
Low Temperature Impact	JIS K 6723 (-15°C)	No cracking
Volume Resistivity	ASTM D 2671	Pass
Electric Strength	JIS C 8430	20KV/mm minimum
Break down Voltage	Thickness 0.07mm Thickness 0.10mm Thickness 0.15mm	6,000 V 8,000 V 10,000 V
Immersion Test	H2O absorbability	within 0.5%
	abstraction	within 0.5%
	10% NaCl solution	within +/- 0.5%
	30% H2SO4 solution	within +/- 0.5%
	40% HNO3 solution	within +/- 0.5%
	40% NaOH solution	within +/- 0.5%

Specification References

UNDERWRITERS LAB

UL 224 VW1

FILE No. E129478(S)



Dimensions

LAY-FLAT SIZE (mm)	LAY-FLAT SIZE TOLERANCE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (%)	LONGITUDINAL SHRINK RATIO (%)
5.8 ~ 14	+ 0.5/-0	0.05 ~ 0.10	45 +/- 5	10 +/- 5
15 ~ 24	+ 0.8/-0	0.05 ~ 0.15	45 +/- 5	10 +/- 5
25 ~ 39	+ 1.0/-0	0.05 ~ 0.30	45 +/- 5	10 +/- 5
40 ~ 54	+ 1.3/-0	0.05 ~ 0.30	45 +/- 5	10 +/- 5
55 ~ 74	+ 1.5/-0	0.05 ~ 0.30	45 +/- 5	10 +/- 5
75 ~ 91	+ 2.0/-0	0.05 ~ 0.30	45 +/- 5	10 +/- 5
92 ~ 149	+ 3.0/-0	0.05 ~ 0.30	45 +/- 5	10 +/- 5
150 ~ 199	+ 4.0/-0	0.10 ~ 0.25	45 +/- 5	10 +/- 5
200 ~ 249	+ 6.0/-0	0.10 ~ 0.20	45 +/- 5	10 +/- 5
250 ~ 300	+ 8.0/-0	0.10 ~ 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**
PVLF ____ / ____ J ____
e.g. PVLF3000/25JBK