

Thin-Wall Layflat Non-Shrink Poly Vinyl Chloride Tubing



A thin wall, self extinguishing, flexible, non-shrink lay-flat P.V.C that offers excellent protection and excellent mechanical performance. It maintains a high degree of flexibility and resists most chemicals and solvents.

Layflat PVC is available in widths from 5.8 to 150 mm. Operates up to 105°C.

- Operating Temperature Range -40°C to 105°C
- Self Extinguishing
- Flexible
- Good Mechanical Performance



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

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 Resitivity	ASTM D 2671	Pass
Electric Strength	JIS C 8430	20KV/mm minimum
Break down Voltage	Thickness 0.07mm	6,000 V
	Thickness 0.10mm	8,000 V
	Thickness 0.15mm	10,000 V
Immersion Test	H2O absorbability 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

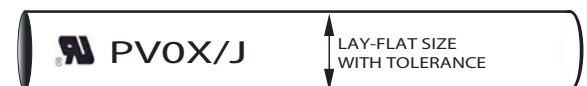
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UL 224 VW1
Rated



Dimensions

LAY-FLAT SIZE (mm)	LAY-FLAT SIZE TOLERANCE (mm)	ORDERING THICKNESS (mm)	TRANSVERSE SHRINK RATIO (Max %)	LONGITUDINAL SHRINK RATIO (Max %)
5.8~14	+ 0.5/-0	0.05 ~ 0.10	+1.5	+1.0
15 ~ 24	+ 0.8/-0	0.05 ~ 0.15	+1.5	+1.0
25 ~ 39	+ 1.0/-0	0.05 ~ 0.30	+1.5	+1.0
40 ~ 54	+ 1.3/-0	0.05 ~ 0.30	+1.5	+1.0
55 ~ 74	+ 1.5/-0	0.05 ~ 0.30	+1.5	+1.0
75 ~ 91	+ 2.0/-0	0.05 ~ 0.30	+1.5	+1.0
92 ~ 150	+ 3.0/-0	0.05 ~ 0.30	+1.5	+1.0



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**
PVOX ____ / ____ J ____
e.g. PVOX1500/20JBK