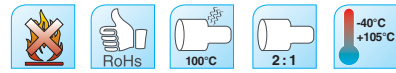


HLAT - Thin-wall lay flat, semi rigid PVC heat shrinkable tubing

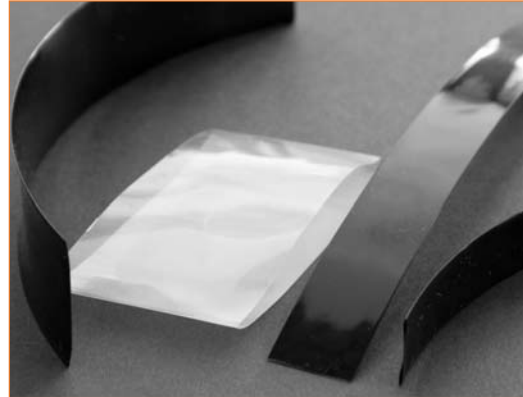


Features & Benefits

- Operating temperature range -40°C to +105°C
- Layflat width size range from 5.8mm to 300mm
- Low shrink temperature
- Self Extinguishing
- Available in 6 wall thicknesses (0.05, 0.10, 0.15, 0.20, 0.25, 0.30).
- Meets the requirements of UL 224 VW1

Standard Colours & Colour Codes

Black - 0	Yellow - 4	Violet - 7
Brown - 1	Green - 5	White - 9
Red - 2	Blue - 6	Clear - X



Applications

HLAT PVC is 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.

Dimensions

Lay-Flat Size	Lay-Flat Size Tolerances	Ordering Thickness	Transverse Shrink Ratio	Longitudinal Shrink Ratio
mm	mm	mm	%	%
5.8 to 14	+0.5, -0	0.05 to 0.10	45+/-5	10+/-5
15 to 24	+0.8, -0	0.05 to 0.15	45+/-5	10+/-5
25 to 39	+1.0, -0	0.05 to 0.30	45+/-5	10+/-5
40 to 54	+1.3, -0	0.05 to 0.30	45+/-5	10+/-5
55 to 74	+1.5, -0	0.05 to 0.30	45+/-5	10+/-5
75 to 91	+2.0, -0	0.05 to 0.30	45+/-5	10+/-5
92 to 149	+3.0, -0	0.05 to 0.30	45+/-5	10+/-5
150 to 199	+4.0, -0	0.10 to 0.25	45+/-5	10+/-5
200 to 249	+6.0, -0	0.10 to 0.20	45+/-5	10+/-5
250 to 300	+8.0, -0	0.10 to 0.15	45+/-5	10+/-5

Property	Test Method	Values
Tensile Strength	JIS 6723	450 kg/cm2
Ultimate Elongation	JIS 6723	100%
Specific Gravity	ASTM D 1505	1.20 ~ 1.30
Cycle Temperatures	300hrs at -40°C	Or splitting
Low Temperature	JIS K 6723 (-15°C)	No Cracking
Volume Resistivity	ASTM D 2671	Pass
Electric Strength	JIS C 8430	20KV/mm minimum
Break Thickness 0.07mm	JIS C 8430	6,000 V
Down Thickness 0.10mm		8,000 V
Voltage Thickness 0.15mm		10,000 V
H2O absorbability		Within 0.5%
abstraction		Within 0.5%
Immersion test	10% NaCl solution	KM M 3406
	30% H2SO4 solution	
	40% HNO3 solution	
	40% NaOH solution	

Ordering Information

HLAT comes in a wide range of colours both opaque and translucent and is normally supplied in continuous lengths on reels, but if required can be supplied in perforated form or cut to length.

Perforation can be carried out either horizontally or vertically and with a tear tab if required.

When ordering HLAT please state the lay flat width required, not the diameter.

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