

## XLP HEATSHRINK

### FLAME RETARDANT & UV STABILISED - GENERAL PURPOSE

XLP Tubing is a Chemically Cross-Linked Tubing that conforms to MIL-1-23053/5 class 3. It will withstand -75°C to 135°C for normal operating conditions and 250°C for short intervals. The tubing can easily be shrunk with a heat gun or a heat tunnel. All tubings in this range are flame retardant (except clear), which is flammable and conforms to MIL-1-23053/5 Class 2.

- Highly flexible
- Flame retardant (except clear)
- Abrasion and impact resistant
- For use in all electrical and electronic applications
- In-house cutting facility available for cut sleeves
- Full range 1.5mm to 125mm diameter with 2:1 shrink ratio
- Available in most colours on reels or 4ft (1.2m) length
- UV stabilised (except clear)

XLP tubing has numerous uses in the electrical and associated industries, including insulation, colour coding and mechanical protection.



Catalogue No.	Pre-Shrink Diameter(mm)	After Shrink Diameter(mm)	Recovered Wall Thickness(mm)	Standard Reel Length (m)
XLP1.5	1.6	0.8	0.4	200
XLP2.5	2.4	1.2	0.48	200
XLP3	3.2	1.6	0.48	200
XLP5	4.8	2.4	0.48	100
XLP7	6.4	3.2	0.56	50
XLP10	9.5	4.8	0.62	50
XLP13	12.7	6.4	0.62	50
XLP20	19.1	9.5	0.69	50
XLP25	25.4	12.7	0.89	50
XLP38	38.1	19.1	1.00	25
XLP51	50.8	25.4	1.10	25
XLP76	76.2	38.1	1.2	25
XLP102	102.0	50.8	1.35	25
XLP125*	125.0	63.5	1.4	30

\*Available only in Black and Clear.

\*\*Available only in Black.

#### Colours Available

Colour	Suffix	Reel	4ft
Black	BK	Yes	Yes
Red	RD	Yes	Yes
White	WH	Yes	Yes
Blue	BL	Yes	Yes
Green	G	Yes	Yes
Yellow	Y	Yes	Yes
Clear	CL	Some*	Some*
Yellow/Green	YG	Some*	Some*

Note: 4ft lengths are not available in XLP102 and XLP125.

\*Note: Reels of Yellow/Green are available in XLP5, 7, 13, 20, 25, 38, 51YG

#### Technical Data

Compliant Standards	UL224 VW1 File No. E366157 (Except clear)
Conformant Standards	MIL-1-23053/5; JIS
Material	Chemically cross-linked, thermally stabilised flame retardant polyolefin
Continuous Operating Temp	-75°C to +135°C
Shrinkage Temp	> 100°C
Longitudinal Shrinkage	< 5%
Tensile Strength	16 MPa
Breakdown Voltage	25 kV/mm wall thickness
Volume Resistivity	1.0 x 10 <sup>14</sup> ohm cm
Elongation at Break Point	400%
Water Absorption	0.15% max
Flammability	Passed ASTM-D-2671
UV Stability	All colours (except clear)
Voltage Rating	600V

#### Note

- When ordering 4ft (1.2m) lengths, please add the suffix /4ft to the catalogue number, i.e. XLP10BK/4FT is 10mm black by 4ft (1.2m) length.
- CABAC offers a service to pre cut large quantities of tubing to customer specifications. Please contact our sales department.
- Reels are supplied in full length only. If your requirements are less than a full reel, please consider buying 4ft lengths.
- XLP102 is a special product and only available in black and clear.
- XLP125 is a special product and only available in black.
- Clear variant is NOT UL listed, UV resistant or flame retardant.

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.