

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
- 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 Qty (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

*Black Only in This Size.

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	Yes	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

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 10¹⁴ ohm cm

Elongation at Break Point

400%

Water Absorption

0.15% max

Flammability

Passed ASTM-D-2671

UV Stability

Full XLP Range

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.
- CABAC prefers to supply full reels of tubing. If your requirements are less than a full reel, please consider buying 4ft lengths.
- XLP125 is a special product and only available in black.

XLP HEATSHRINK

CABAC XLP THIN WALL

Blue	Black	Clear	Green	Red	White	Yellow	Yellow/Green	Pre-Shrink Dia. (mm)	After-Shrink Dia. (mm)	Recovered Wall Thick (mm)	Unit of Measure	Length
XLP1.5BL	XLP1.5BK	XLP1.5CL	XLP1.5G	XLP1.5RD	XLP1.5WH-10M	XLP1.5Y	XLP1.5YG	1.6	0.8	0.4	M	200
XLP1.5BL-10M	XLP1.5BK-10M	XLP1.5CL-10M	XLP1.5G-10M	XLP1.5RD-10M	XLP1.5WH-10M	XLP1.5Y-10M	XLP1.5YG-10M	1.6	0.8	0.4	M	10
XLP1.5BL/4FT	XLP1.5BK/4FT	XLP1.5CL/4FT	XLP1.5G/4FT	XLP1.5RD/4FT	XLP1.5WH/4FT	XLP1.5Y/4FT	XLP1.5YG/4FT	1.6	0.8	0.4	FT	4
XLP2.5BL	XLP2.5BK	XLP2.5CL	XLP2.5G	XLP2.5RD	XLP2.5WH-10M	XLP2.5Y	XLP2.5YG	2.4	1.2	0.48	M	200
XLP2.5BL-10M	XLP2.5BK-10M	XLP2.5CL-10M	XLP2.5G-10M	XLP2.5RD-10M	XLP2.5WH-10M	XLP2.5Y-10M	XLP2.5YG-10M	2.4	1.2	0.48	M	10
XLP2.5BL/4FT	XLP2.5BK/4FT	XLP2.5CL/4FT	XLP2.5G/4FT	XLP2.5RD/4FT	XLP2.5WH/4FT	XLP2.5Y/4FT	XLP2.5YG/4FT	2.4	1.2	0.48	FT	4
XLP3BL	XLP3BK	XLP3CL	XLP3G	XLP3RD	XLP3WH	XLP3Y	XLP3YG	3.2	1.6	0.48	M	200
XLP3BL-10M	XLP3BK-10M	XLP3CL-10M	XLP3G-10M	XLP3RD-10M	XLP3WH-10M	XLP3Y-10M	XLP3YG-10M	3.2	1.6	0.48	M	10
XLP3BL/4FT	XLP3BK/4FT	XLP3CL/4FT	XLP3G/4FT	XLP3RD/4FT	XLP3WH/4FT	XLP3Y/4FT	XLP3YG/4FT	3.2	1.6	0.48	FT	4
XLP5BL	XLP5BK	XLP5CL	XLP5G	XLP5RD	XLP5WH	XLP5Y	XLP5YG	4.8	2.4	0.48	M	100
XLP5BL-10M	XLP5BK-10M	XLP5CL-10M	XLP5G-10M	XLP5RD-10M	XLP5WH-10M	XLP5Y-10M	XLP5YG-10M	4.8	2.4	0.48	M	10
XLP5BL/4FT	XLP5BK/4FT	XLP5CL/4FT	XLP5G/4FT	XLP5RD/4FT	XLP5WH/4FT	XLP5Y/4FT	XLP5YG/4FT	4.8	2.4	0.48	FT	4
XLP7BL	XLP7BK	XLP7CL	XLP7G	XLP7RD	XLP7WH	XLP7Y	XLP7YG	6.4	3.2	0.56	M	50
XLP7BL-5M	XLP7BK-5M	XLP7CL-5M	XLP7G-5M	XLP7RD-5M	XLP7WH-5M	XLP7Y-5M	XLP7YG-5M	6.4	3.2	0.56	M	5
XLP7BL/4FT	XLP7BK/4FT	XLP7CL/4FT	XLP7G/4FT	XLP7RD/4FT	XLP7WH/4FT	XLP7Y/4FT	XLP7YG/4FT	6.4	3.2	0.56	M	10
XLP10BL	XLP10BK	XLP10CL	XLP10G	XLP10RD	XLP10WH	XLP10Y	XLP10YG	9.5	4.8	0.62	M	50
XLP10BL-5M	XLP10BK-5M	XLP10CL-5M	XLP10G-5M	XLP10RD-5M	XLP10WH-5M	XLP10Y-5M	XLP10YG-5M	9.5	4.8	0.62	M	5
XLP10BL/4FT	XLP10BK/4FT	XLP10CL/4FT	XLP10G/4FT	XLP10RD/4FT	XLP10WH/4FT	XLP10Y/4FT	XLP10YG/4FT	9.5	4.8	0.62	M	10
XLP13BL	XLP13BK	XLP13CL	XLP13G	XLP13RD	XLP13WH	XLP13Y	XLP13YG	12.7	6.4	0.62	M	50
XLP13BL-5M	XLP13BK-5M	XLP13CL-5M	XLP13G-5M	XLP13RD-5M	XLP13WH-5M	XLP13Y-5M	XLP13YG-5M	12.7	6.4	0.62	M	5
XLP13BL/4FT	XLP13BK/4FT	XLP13CL/4FT	XLP13G/4FT	XLP13RD/4FT	XLP13WH/4FT	XLP13Y/4FT	XLP13YG/4FT	12.7	6.4	0.62	M	10
XLP20BL	XLP20BK	XLP20CL	XLP20G	XLP20RD	XLP20WH	XLP20Y	XLP20YG	19.1	9.5	0.69	M	50
XLP20BL-5M	XLP20BK-5M	XLP20CL-5M	XLP20G-5M	XLP20RD-5M	XLP20WH-5M	XLP20Y-5M	XLP20YG-5M	19.1	9.5	0.69	M	5
XLP20BL/4FT	XLP20BK/4FT	XLP20CL/4FT	XLP20G/4FT	XLP20RD/4FT	XLP20WH/4FT	XLP20Y/4FT	XLP20YG/4FT	19.1	9.5	0.69	M	10
XLP25BL	XLP25BK	XLP25CL	XLP25G	XLP25RD	XLP25WH	XLP25Y	XLP25YG	25.4	12.7	0.89	M	50
XLP25BL-5M	XLP25BK-5M	XLP25CL-5M	XLP25G-5M	XLP25RD-5M	XLP25WH-5M	XLP25Y-5M	XLP25YG-5M	25.4	12.7	0.89	M	5
XLP25BL/4FT	XLP25BK/4FT	XLP25CL/4FT	XLP25G/4FT	XLP25RD/4FT	XLP25WH/4FT	XLP25Y/4FT	XLP25YG/4FT	25.4	12.7	0.89	M	10
XLP38BL	XLP38BK	XLP38CL	XLP38G	XLP38RD	XLP38WH	XLP38Y	XLP38YG	38.1	19.1	1	M	25
XLP38BL/4FT	XLP38BK/4FT	XLP38CL/4FT	XLP38G/4FT	XLP38RD/4FT	XLP38WH/4FT	XLP38Y/4FT	XLP38YG/4FT	38.1	19.1	1	FT	4
XLP51BL	XLP51BK	XLP51CL	XLP51G	XLP51RD	XLP51WH	XLP51Y	XLP51YG	50.8	25.4	1.1	M	25
XLP51BL/4FT	XLP51BK/4FT	XLP51CL/4FT	XLP51G/4FT	XLP51RD/4FT	XLP51WH/4FT	XLP51Y/4FT	XLP51YG/4FT	50.8	25.4	1.1	FT	4
XLP76BL	XLP76BK	XLP76CL	XLP76G	XLP76RD	XLP76WH	XLP76Y	XLP76YG	76.2	38.1	1.2	M	25
XLP76BL/4FT	XLP76BK/4FT	XLP76CL/4FT	XLP76G/4FT	XLP76RD/4FT	XLP76WH/4FT	XLP76Y/4FT	XLP76YG/4FT	76.2	38.1	1.2	FT	4
XLP102BK	XLP102BK	XLP102CL	XLP102G	XLP102RD	XLP102WH	XLP102Y	XLP102YG	102	50.8	1.35	M	1
XLP125BK	XLP125BK	XLP125CL	XLP125G	XLP125RD	XLP125WH	XLP125Y	XLP125YG	125	63.5	1.4	M	1

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