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Halogen Free Low Smoke and Fume (LSF) SLeeving

Halogen Free Low Smoke Sleeving

Technical Information

- Operating Temperature: -25°C to 90°C
- Density: 1.50
- Tensile strength: 13 MPa
- Tear strength: 5 N/mm

Application

This limited fire hazard (LSF) sleeving is halogen free making it ideal for protecting wire and cables in areas where smoke and fume emissions must be minimized.

Low smoke, low toxicity and zero halogen.

This tubing has been developed to meet the current requirements for low smoke, halogen free tubing in a similar range of sizes and colours to normal PVC sleeving. It can be extruded on our site in any size and wall thickness required.

This sleeving should be used in all requirements where conventional tubing, including green/yellow earth sleeving, is considered unsuitable.

Test	Test Method	Unit	Typical Value
Density	BS 2782 Pt 6 Mtd 620A-D	g/cm³	1.50
Tensile Strength	IEC 60811-1-1	N/mm²	13
Elongation at Break	IEC 60811-1-1	%	140
Tear Strength	BS 6469	N/mm	5
Cold Bend Test at -30°C	IEC 60811-1-4	-	Pass
Elongation at Break at –30°C	IEC 60811-1-4	%	50 (pass)
Cold impact –30°C	IEC 60811-1-4	-	Pass
Oxygen Index	BS ISO 4589-2	%	31
Temperature Index	BS ISO 4589-3	°C	270
Halogen Acid Gas Evolution	IEC 60754-2	%	<0.5
Smoke emission 3m cube test	BS EN 61034-2:2005	-	Pass
Dielectric strength at 20°C	IEC 80243	kV/mm	19.4