

Plamec Heat-Shrink Tube

A specialised and cost-effective heat shrink tube with a low percentage of shrink for use in insulating thermal protectors



Key Benefits

- 10% to 16% shrinkage at 150°C which secures and insulates the metal cores of components and batteries
- Excellent dielectric and cut through resistance
- Constructed from UL recognised film under E348131
- Wall thickness starts from 0.050mm
- More features available with internal diameters of 2 to 200mm
- Close tolerance of internal diameter and reliable concentricity provide quick and reliable assembly
- Roundness and concentricity lead to automated application, supplied and cut to customer requirements



A controlled and secure insulator providing excellent mechanical and insulation strength

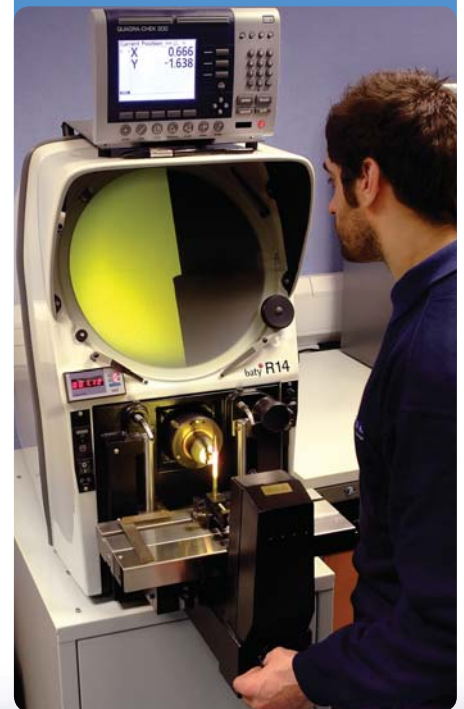
Plamec Heat-Shrink Tubing is the preferred material for the insulation of Thermal Protectors and Hermetic Systems. The material remains flexible after shrinking and provides an improved appearance as depicted in the photograph. Plamec Tubing maintains high dielectric strength and cut through resistance, up to temperatures of 160°C.

Technical Data

Properties of base film used in Plamec production

Property of Base Film	Typical Value	Test Method
Tensile Strength MD kg/cm ²	2300	ASTM D 882
Yield Strength (FS) MD kg/cm ²	1000	ASTM D 882
Ultimate Elongation	MD 90% TD 60%	ASTM D 882
Modulus MD kg/cm ²	3500	ASTM D 882
Shrinkage Properties of Base Film		
MD	10%	5 mins 150°C
TD	10%	5 mins 150°C
MD	16%	5 mins 175°C
TD	16%	5 mins 175°C

Plamec Heat-Shrink Tubes can be readily supplied with lengths and wall thicknesses to suit the applications at hand



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