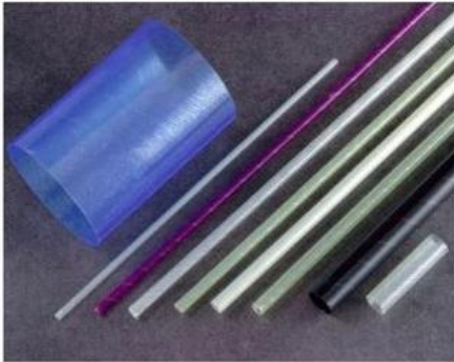




The non-shrink insulating tube made of Mylar® A is used for robust insulation in electrical applications. It is also available with an electrically conductive surface coating for special applications. It is spiral wound very precisely from polyester film and has a high dielectric strength and mechanical impact resistance and is also suitable for demanding applications. It is mainly used as secondary insulation in windings of varnish-impregnated and open electric motors.

Mylar® Insulating Tubes, Non-Shrinking, Class B (130°C)

Properties

- Coiled, multi-layer insulating and protective conduit for applications in temperature class B
- Material: DuPont™ Mylar® A polyester film
- Inner diameter from 1.60 mm to 210.00
- available with wall thicknesses from 0.030 mm to 2.00 mm.
- Precise, non-shrinking polyester insulating pipe for applications up to 155 °C.
- Material UL approved

Technical data

Electrical properties			
Properties of the film	Typical value	Test condition	Test method
Dielectric strength [V]	6400	25 °C, 50Hz and 50 mm electrode	ASTM D 149-64
Film thickness [mm]	0,0254	25 °C, 7500 V, 150 °C, 5000 V	
Surface resistance [Ω /square]	1016	25 °C, 30% relative humidity	ASTM D 257-78

Physical properties			
Properties of the film	Typical value	Test condition	Test method
Tensile strengthLength running direction (LR) [Mpa]	200	25 °C	ASTM D 882-80
Elongation at break (LR) [%]	130	25 °C	ASTM D 882-80
Tension for 5% elongation (LR) [Mpa]	105	25 °C	ASTM D 882-80
Moisture absorption	less than 8%	immersed for 24 h at 25 °C	ASTM D 570-63

Thermal properties		
Properties of the film	Typical value	Test method
Melting point	253-255°C	ASTM D 3148-82

Item number:

Example: IRNMY0100/005/0500

IRMY = master number

0100 = 1.00 mm diameter

005 = 0.05 mm wall thickness

0500 = 500 mm length