

Spiral wound Polyester Heat-Shrink Tubing

FITCOTUBE® FT-M-HS

Individual and cost-sensitive insulation for thermal protectors at low shrink. FT-M-HS provides excellent dielectric strength and cut through resistance for insulation in thermal protectors and hermetic systems.

Operating temperature: +130°C
Shrink ratio: 20% - 25%
Standard color: Nature
 Colors on request

Special designs: Non-shrinking (NS); End caps; Low shrink rate

Key Benefits:

- Excellent dielectric and cut through resistance
- Wall thickness starts from 0.05mm
- More features available with internal diameters of 2mm to 200mm
- Close tolerance of internal diameter and reliable concentricity provide quick and reliable assembly
- Roundness and concentricity together with design and cut to customer requirements lead to automated application

Properties of Base Film	Test Method	Typical Value
Tensile strength MD	ASTM D 882	2300 kg/cm ²
Dielectric strength	ASTM D 149	3.5kV – 7kV
Yield strength (FS) MD	ASTM D 882	1000 kg/cm ²
Ultimate elongation	ASTM D 882	MD 90% & TD 60%
Modulus MD	ASTM D 882	3500 kg/cm ²

Shrink Properties of Base Film	Test Method	Typical Value
MD	5 mins 150°C	10%
TD	5 mins 150°C	10%
MD	5 mins 175°C	16%
TD	5 mins 175°C	16%