

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 <sup>2</sup>
Dielectric strength	ASTM D 149	3.5kV – 7kV
Yield strength (FS) MD	ASTM D 882	1000 kg/cm <sup>2</sup>
Ultimate elongation	ASTM D 882	MD 90% & TD 60%
Modulus MD	ASTM D 882	3500 kg/cm <sup>2</sup>

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%

**Processing note:** Care for clean and straight cutting edges. Start shrinkage on the end.  
 Pre-heat metal body.

**Packaging:** On spools, cut lengths or printed tubing on request.  
 Special sizes on request.

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