

## TMX-MPM

### THICK-WALLED SHRINKABLE TUBING FOR INSULATING, SEALING AND PROTECTING

- Consists of two layers.
- Outside layer shrinks - inside melts and seals making it perfectly waterproof.
- Excellent bonding and sealing characteristics.
- Moulds to most irregular shapes.
- Easy to apply with gas torch or hot air gun.
- Excellent resistance to chemicals, acids and alkalines.
- Flame retardant - resists UV-light.



### NOTICE

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## THERMOFLUX MPM

### GENERAL INFORMATION

THERMOFLUX MPM is a semi-flexible, heat shrinkable tubing with an integrally bonded meltable sealer inner lining designed to provide permanent moisture-proof encapsulation for a wide range of applications. The inner wall melts when heated and is forced into interstices by the shrinking of the outer wall, so that

when cooled, the substrate is encapsulated by a tough protective, moisture-proof barrier. An operating range for -60°C up to 145°C and a shrink ratio of 3/1 as standard means that the tubing offers superior environmental protection to a wide range of irregular shapes with different dimensions.

### TECHNICAL INFORMATION AND PACKAGING

Operating temperature: -60 + 145°C.

Shrink temperature: 135°C.

Shrink ratio: 3/1.

Tensile strength ISO 37: 18.6 MPa.

Ultimate elongation ISO 37: 400%.

Flexibility: semi-flexible.

Dielectric strength I EC 243:14 MV/m (VDE 0303 P12).

Flame retardancy ASTM D 876, ASTM D 2871:

Inner wall: no. Outer wall: yes.

Fluid resistance ISO 18117 and ISO 37 immersion 24h at 23°C:

hydraulic fluid: good

aviation fuel F40: good

lubrication oil 0-149: good

Diesel fuel F54: good.

Electrical resistance: 10<sup>16</sup> Ohm/cm.

### APPLICATION AND USE

- THERMOFLUX MPM can be used on all electrical applications (cables, cables splicing, connections) to insulate, to protect and to seal. Can be used for applications in contact with chemicals or earth alkalines. Protects metal tubing against corrosion and wear.

Article nr	Name	Content	Section
N810250	Thermoflux MPM 25mm/8mm	1pc.	ELECTRICAL CONNECTIONS
N810370	Thermoflux MPM 35mm/12mm	1pc.	ELECTRICAL CONNECTIONS
N810500	Thermoflux MPM 50mm/16mm	1pc.	ELECTRICAL CONNECTIONS
N810700	Thermoflux MPM 75mm/22mm	1pc.	ELECTRICAL CONNECTIONS
N810900	Thermoflux MPM 95mm/29mm	1pc.	ELECTRICAL CONNECTIONS
N811150	Thermoflux MPM 115mm/134mm	1pc.	ELECTRICAL CONNECTIONS



**ELECTRICAL CONNECTIONS**

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