


**PRO THERMOFLUX**
**TMX**

**GENERAL INFORMATION**

**PRO THERMOFLUX** is a flexible, heat-shrinkable pipe with double walls. It is equipped with an integrally connected, internal fusible lining layer, designed to ensure permanent protection against water and humidity. It is used for protection of wide range of substrates, such as: electric wirings, cable sheaths, cut-off cables and other electrical cables. **PRO THERMOFLUX** has a unique internal layer that fuses when heated and fills cracks and spaces thanks to the shrinkage of the outer layer. After cooling the mass becomes a flexible, robust, uniform screen with a defined wall thickness. **PRO THERMOFLUX** shrinks to 1/3 of its original diameter, and thereby adapts to every shape and form. The standard version is available in eight sizes to fit a number of irregular shapes in a wide range of applications.

**TECHNICAL DATA**

Thermal resistance: -55°C – +150°C  
 Shrinkage temperature: +125°C  
 Shrinkage coefficient: 3/1  
 Tensile strength: 11.5 Mpa  
 Elongation at rupture: 490%  
 Volume resistivity acc. to 1x10<sup>13</sup> Ohm/cm  
 Breakdown strength: 30 MV/m  
 Slow burning: Internal wall: no. External wall: yes.  
 Resistance to liquids: 24-hour immersion at +23°C Hydraulic liquid: superb. Aircraft fuel F40: good. Lubricating oil 0–149: good. Diesel fuel F 54: good

**USAGE**

**PRO THERMOFLUX** may be used for all devices and electrical connections (cables, groups of wires, wires, wire connections) for insulation, protection and sealant. May be used in contact with chemicals. Protects metal pipes from corrosion and wear. Insulation and protection of electrical wires. Protection of group of wires (terminals). Reinforcement of screens of electrical wires. Protection against electrolytic corrosion. Insulation and protection of wires and electrical devices in vehicles. Protection resistant to fuels and synthetic oils.

**CLASSIFICATION**

Article code	Name	Size	Type
TMX3210	PRO THERMOFLUX	3.2/1.0	electric
TMX4815	PRO THERMOFLUX	4.8/1.5	electric
TMX6420	PRO THERMOFLUX	6.4/2.0	electric
TMX9430	PRO THERMOFLUX	9.4/3.0	electric
TMX12741	PRO THERMOFLUX	12.7/4.1	electric
TMX19179	PRO THERMOFLUX	19.1/7.9	electric
TMX254100	PRO THERMOFLUX	25.4/10.0	electric
TMX400130	PRO THERMOFLUX	40.0/13.0	electric

**CAUTION**

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