

## TMX-MTC

### UNIQUE MULTICOLOUR HEAT SHRINKABLE INSULATION

- Consists of two layers.
- Outside layer shrinks - inside layer of adhesive melts.
- Makes strong and waterproof connections.
- Excellent corrosion, water, chemical and UV resistance.
- High shrink ratio : 4 to 1.
- Flame retardant.
- 3 diameters cover a wide range of applications.
- Available in 4 different colours: red, green, blue, white.
- May be marked with rubber stamp or marker prior to shrinking. When heating, ink becomes permanent.
- Fast, simple and safe to use.



### NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Novatio is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Novatio products provide, relates only to the standard conditions of sale of this product. In no case Novatio can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

## THERMOFLUX MULTICOLOUR

### GENERAL INFORMATION

THERMOFLUX MULTICOLOUR is a flexible, heat shrinkable tubing with an integrally bonded meltable adhesive inner lining, designed to provide permanent moisture proof encapsulation to a wide variety of substrates and uses; such as electrical wires, cable jackets, wire breakouts and electrical components. It has a unique inner wall, which melts when heated and is forced into the crevices and penetrates by the shrinking action of

the outer wall. When cooled the entire mass becomes a flexible, tough homogeneous covering with a controlled wall thickness. This product is manufactured from radiation cross-linked polyolefins. It has a specially formulated adhesive inner wall. THERMOFLUX MULTICOLOUR shrinks to 1/4 of its supplied diameter and thus only three sizes are required to cover a full range of irregular shapes with widely varying applications.

### TECHNICAL INFORMATION AND PACKAGING

Operating temperature: -55 + 150°C.  
Shrink temperature: 125°C.  
Shrink ratio: 4/1.  
Treksterkte ISO 37: 11.5 MPa.  
Ultimate elongation ISO 37: 490%.  
Flexibility: flexible.  
Dielectric strength IEC 243: 30 MV/m (VDE 0303 P12).  
Flame retardancy ASTM D 876,  
ASTM D 2671:

Inner wall: no. Outer wall: yes,  
no dripping, cracking or flowing of outer wall.  
Fluid resistance ISO 18117 and ISO 37 immersion 24h at 23°C:  
hydraulic fluid: excellent  
aviation fuel F40: good  
lubrication oil 0-149: good  
Diesel fuel F54: good.  
Volume resistivity ASTM D 257: 1 x 10<sup>15</sup> Ohm/cm (VDE 0303 P13).

### APPLICATION AND USE

- insulation and protection of wires and components
- wire terminal protection
- reinforcement of wire splices
- protective covering of connecting terminals
- prevention of electrolytic corrosion
- water proofing
- connection of underwater motor lead wires
- insulation of neon tube leads
- insulation and protection of automotive electrical parts
- protection of coaxial cable connectors
- synthetic, fuel and hydraulic oil resistant applications
- marking of cables and wires

Article nr	Name	Content	Section
N825110	Thermoflux Multicolour white 4/1	1pc.	ELECTRICAL CONNECTIONS
N825120	Thermoflux Multicolour blue 4/1	1pc.	ELECTRICAL CONNECTIONS
N825130	Thermoflux Multicolour green 4/1	1pc.	ELECTRICAL CONNECTIONS
N825140	Thermoflux Multicolour red 4/1	1pc.	ELECTRICAL CONNECTIONS
N825210	Thermoflux Multicolour white 8/2	1pc.	ELECTRICAL CONNECTIONS
N825220	Thermoflux Multicolour blue 8/2	1pc.	ELECTRICAL CONNECTIONS
N825230	Thermoflux Multicolour green 8/2	1pc.	ELECTRICAL CONNECTIONS
N825240	Thermoflux Multicolour red 8/2	1pc.	ELECTRICAL CONNECTIONS
N825310	Thermoflux Multicolour white 16/4	1pc.	ELECTRICAL CONNECTIONS
N825320	Thermoflux Multicolour blue 16/4	1pc.	ELECTRICAL CONNECTIONS
N825330	Thermoflux Multicolour green 16/4	1pc.	ELECTRICAL CONNECTIONS

