

## TMC

### SPECIAL CLEAR SHRINKABLE INSULATION

- Consists of two layers.
- Outside layer shrinks - inside layer of adhesive melts.
- Makes a strong and waterproof connection.
- Moulds itself to any shape.
- Remains flexible.
- Stays clear - resistant to UV light.
- Transparency makes it possible to check connections.



### NOTICE

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## THERMOFLUX CLEAR

### GENERAL INFORMATION

THERMOFLUX CLEAR is a clear, flexible, heat shrinkable dual wall tubing with an integrally bonded meltable adhesive inner liner, designed to offer permanent moisture-proof insulation to a wide variety of substrates. THERMOFLUX CLEAR offers excellent clarity for protection of substrates that may need inspection during service.

While

it has a high glossy finish, the tough outer packet gives excellent mechanical strength with a high resistance to splitting. The high shrinking ratio means that only five sizes are needed to give protection to 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: 3/1.

Tensile strength ISO 37: 11.5 MPa.

Ultimate elongation ISO 37: 490%.

Flexibility: flexible.

Dielectric strength IEC 243:

12 MV/m (VDE 0303 P12).

Flame retardancy ASTM D 876, ASTM D 2671:

Inner wall: no. Outer wall: no.

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

Volume resistivity ASTM D 257:

1 x 10<sup>13</sup> Ohm/cm (VDE 0303 P13).

### APPLICATION AND USE

- environmental protection for a wide variety of electrical and electronic components, including wire splits and harness breakouts
- transparent insulation of connections and components who need to be checked for service
- all connection and component coverings 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. Is not resistant to earth alkalines. Protects metal tubing against corrosion and wear

Article nr	Name	Content	Section
N820320	Thermoflux Clear 3,2mm	1pc.	ELECTRICAL CONNECTIONS
N820480	Thermoflux Clear 4,8mm	1pc.	ELECTRICAL CONNECTIONS
N820640	Thermoflux Clear 6,4mm	1pc.	ELECTRICAL CONNECTIONS
N820940	Thermoflux Clear 9,4mm	1pc.	ELECTRICAL CONNECTIONS
N821270	Thermoflux Clear 12,7mm	1pc.	ELECTRICAL CONNECTIONS
N821910	Thermoflux Clear 19,1mm	1pc.	ELECTRICAL CONNECTIONS
N822540	Thermoflux Clear 25,4mm	1pc.	ELECTRICAL CONNECTIONS

