

TMX

UNIQUE, SHRINKABLE INSULATION FOR MULTIPURPOSE USE

- Consists of two layers.
- Outside layer shrinks. Inside layer of adhesive melts.
- The adhesive seals the connection completely, making it strong and perfectly waterproof.
- Excellent corrosion, U.V., water, chemical and acid resistance.
- Can be applied directly to copper.
- Durable.
- THERMOFLUX moulds to any shape.
- Fast, simple and safe to use.
- Flame retardant and permanently flexible.
- Easy to apply.



Notice

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THERMOFLUX

General Information

THERMOFLUX is a flexible, heat shrinkable dual wall tubing with an integrally bonded meltable adhesive inner lining, designed to provide permanent moisture proof encapsulation to a wide variety of substrates and uses.
 THERMOFLUX has a unique inner wall which melts when heated and is forced into the crevices and interstices by the shrinking of the outer

wall. When cooled the entire mass becomes a flexible, tough homogeneous covering with a controlled wall thickness.

THERMOFLUX is manufactured from radiation cross-linked polyolefins. THERMOFLUX shrinks to 1/3 of its supplied diameter and thus only a few sizes (8) are required to cover a full range of irregular shapes in a wide variety of applications.

Technical Information

Temperature resistance: -55 + 110°C.
 Shrink temperature: 125°C.
 Shrink ratio: 3/1.
 Tensile strenght ISO 37: 11.5 MPa.
 Ultimate elongation ISO 37: 490%.
 Flexibility: flexible.
 Dielectric strength IEC 243: 30 MV/m (VDE 0303 Pt2).
 Electrical resistance: 10¹³ Ohm
 Flame retardancy ASTM D 876, ASTM D 2671:

Inner wall: no.
 Outer wall: yes, retardant.
 Fluid resistance ISO 1817 and ISO 37
 Immersion 24h at 23°C:
 hydraulic fluid: excellent
 aviation fuel F 40: good
 lubricating oil O-149: good
 Diesel fuel F-54: good

Application and Use

- can be used on all electrical applications (cables - cables splicing - connections), to insulate, to protect and to seal. Can be used in contact with chemicals. Is not resistant to earth alkalines. Protects metal tubing against corrosion and wear.
- insulation and protection of wires and components
- wire terminal protection
- reinforcement of wire splits
- prevention of electrolytic corrosion
- insulation and protection of automotive electrical parts
- protection of coaxial cable connectors
- synthetic, fuel and hydraulic oil resistant applications

| Article nr | Name | Content | Section |
|------------|-------------------|---------|------------------------|
| N800320 | Thermoflux 3,2mm | 1pc. | ELECTRICAL CONNECTIONS |
| N800480 | Thermoflux 4,8mm | 1pc. | ELECTRICAL CONNECTIONS |
| N800640 | Thermoflux 6,4mm | 1pc. | ELECTRICAL CONNECTIONS |
| N800940 | Thermoflux 9,4mm | 1pc. | ELECTRICAL CONNECTIONS |
| N801270 | Thermoflux 12,7mm | 1pc. | ELECTRICAL CONNECTIONS |
| N801910 | Thermoflux 19,1mm | 1pc. | ELECTRICAL CONNECTIONS |
| N802540 | Thermoflux 25,4mm | 1pc. | ELECTRICAL CONNECTIONS |
| N804000 | Thermoflux 40mm | 1pc. | ELECTRICAL CONNECTIONS |

