

Thermoflux



BLACK, DOUBLE-WALLED SHRINK SLEEVE

- ✓ The outer wall shrinks and adapts to every shape.
- ✓ The inner wall melts and glues the connection, making them strong and perfectly waterproof.
- ✓ Excellent resistance to corrosion, UV, water, chemicals and acids.
- ✓ Can be used directly on copper.
- ✓ Durable, flame-resistant and permanently flexible.

Technical Info

- Temperature resistance:
 - continuous: from -55°C to 110°C.
 - heat shock (ASTM D 2671): 4 hours at 225°C.
 - heat resistance (ASTM D 2671): 168 hours at 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 I EC 243: 30 MV/m (VDE 0303 Pt2).
- Electrical resistance: 10130hm.
- 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 0-149: good; Diesel fuel F-54: good.
- SCIP nr. Thermoflux Black: 99dbd177-434b-4e95-bba4-d79b8f7354d0.
- Shelf life: 60 months, keep dry, cool and frost-proof.

Packing

Thermoflux - 122cm - 3,2mm - 1mm - black	800320000
Thermoflux - 122cm - 4,8mm - 1,5mm - black	800480000
Thermoflux - 122cm - 6,4mm - 2mm - black	800640000

Product [TMX]

Characteristics

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.

Applications

- 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
- 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.

Thermoflux - 122cm - 9,4mm - 3mm - black	800940000
Thermoflux - 122cm - 12,7mm - 4,1mm - black	801270000
Thermoflux - 122cm - 19,1mm - 7,9mm - black	801910000
Thermoflux - 122cm - 25,4mm - 10mm - black	802540000
Thermoflux - 122cm - 40mm - 13mm - black	804000000

Use

- Choose the correct diameter.
- Heat with Novaflame Multi Torch.
- Press together with pliers if necessary.