novatio

TECHNICAL DATA SHEET



Novation TRV 19:17

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 resistence:
 - 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 strenght 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 resistence 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 frostproof.

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 splycing connections), to insulate, to protect and to seal. Can be used in contact with chemicals. Is not resistant to earth alcalines. Protects metal tubing against corrosion and wear.



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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	80400000

Use

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



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