

TMQ

MULTIPURPOSE INSULATION WITH LOW SHRINK TEMPERATURE

- Shrinks completely at 80°C.
- Shrinks very fast - Shrinks to size while other products are just warming up.
- Unique flexibility - Perfect fit.
- Can be used in temperature sensitive applications.
- No risk of damage to surrounding materials.
- High chemical and electrical resistance.
- Shrink ratio: 2 to 1.
- 6 diameters for all your applications.
- Available in convenient assortment tray.



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.

THERMOQUICK

GENERAL INFORMATION

THERMOQUICK is characterised by very fast shrinkage and has already shrunk when other products are just beginning to

heat up.

THERMOQUICK offers unique flexibility, a perfectly fitting shape and cannot harm the surrounding materials.

TECHNICAL INFORMATION AND PACKAGING

Operating temperature: -45 + 105°C.

Shrink temperature: 80°C.

Shrink ratio: 2./1.

Tensile strength ISO 17: 18 MPa.

Ultimate elongation ISO 37: 400%.

Flexibility: highly flexible.

Dielectric strength IEC 243: 30 MV/m.

Volume resistivity ASTM D 876: 1x10¹³ Ohm/cm.

Flame retardancy ASTM D 876

ASTM D 2871: Outer wall: yes.

Fluid resistance ISO 1817 and ISO 37 immersion 24h at 23°C:

water 16 MPa/20 MV/m

Diesel fuel 16 MPa/20 MV/m (F-54)

petrol 12 MPa/15 MV/m

lubrication oil 16 MPa/20 MV/m

hydraulic fluid 16 MPa/15 MV/m

battery acid 16 MPa/20 MV/m

anti-freeze 18 MPa/ 25 MV/m.

APPLICATION AND USE

- Due to its extremely low shrinking temperature (80°C) ,THERMOQUICK is outstanding for insulation in temperature sensitive applications such as:
- **ELEKTRONIKS:**
 - connections to printed circuits.
 - contacts in multi-line connectors
 - repair of multi-line cables
- **AUTOMOTIVE:**
 - all insulation applications in interior of vehicles - no damage to plastics, carpets or fabric
 - insulation of contacts in plastic parts, i.e. motors for side windows, central locks and wipers; connectors in ignition and injection systems; installation of alarms, telephones, sound systems
- ideal for cable bundling - it will not damage cables because of its low temperature, fast shrinking and high flexibility
- **INDUSTRY:**
 - due to its fast shrinking, it is ideal when multiple applications are required, such as cable bundling and connections in distribution, joint and fuse boxes
 - insulation of connections with temperature sensitive materials
 - repair of computer, telephone and signal cables
 - insulation of contacts in multi-line connectors
- **FOR APPLICATIONS IN CONSTANT CONTACT WITH WATER OR MOISTURE, WE RECOMMEND THE USE OF THERMOFLUX**

Article nr	Name	Content	Section
N840100	Thermoquick Assortment	245pcs.	ELECTRICAL CONNECTIONS
N840240	Thermoquick 2,4/1,2mm	80pcs.	ELECTRICAL CONNECTIONS
N840480	Thermoquick 4,8/2,4mm	80pcs.	ELECTRICAL CONNECTIONS
N840640	Thermoquick 6,4/3,2mm	40pcs.	ELECTRICAL CONNECTIONS
N841270	Thermoquick 12,7/6,4mm	20pcs.	ELECTRICAL CONNECTIONS
N841900	Thermoquick 19/9,5mm	15pcs.	ELECTRICAL CONNECTIONS
N842540	Thermoquick 25,4/12,7mm	10pcs.	ELECTRICAL CONNECTIONS

