



Sealing and insulating cords With silicone coating

Article description:	Sealing and insulating cords with silicone coatings
Article forms:	Round
Preparations:	Silicone (black)
Materials:	E glass fibre (also possible with other fibre materials)

Mechanical properties:

- Low moisture absorption, water resistant
- Silicone has a very high resistance to heat and cold as well as excellent resistance to weathering and ageing

Thermal properties:

E glass fibre

- Max. continuous temperature 550 °C
- Short-term 600 - 650 °C possible

Silicone

- Max. continuous temperature 200 °C
- Short-term: no information

Chemical properties:

- Resistant to oils, greases, solvents, acids and alkalis in low concentrations (especially organic)
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)
- Resistant to ozone, aliphatic engine/gear oils, animal and vegetable oils and greases, diluted salt solutions
- Not resistant to fuels, hydrofluoric acid (HF) and phosphoric acid (H₃PO₄), acids and alkalis

Applications:

Static sealing system against dry heat and use for cold insulation. Seals for oven doors in case of e.g. condensation.

Application limits: Use of silicone coatings
→ Max. continuous temperature of 200 °C

Dimensions: Ø 7 - 25 mm* (tolerance +/- 10 %)
* Other dimensions on request

The above information is based on our current knowledge of the products specified and is given to the best of our knowledge and belief. No warranty claim can be derived from this information. All previous editions are hereby rendered invalid.