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 (H_3PO_4)

- 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 (H_3PO_4), acids and alkalis

Applications:

Static dealing 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