Glass fibre cord

Article description:	G126
Article forms:	Round
	With and without any additionally preparations
Preparations:	Acrylic ester and copolymer with pigment
Materials:	E glass and/or C glass fibres (core)
	E glass and/or C glass fibres (sheath)

Mechanical properties:

- Low moisture absorption
- Water resistant
- No elongation or shrinkage after temperature exposure

Thermal properties:

E glass fibres

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

C glass fibres

- Max. continuous temperature 450 °C
- Short-term 550 °C possible

Preparation

- Thermal decomposition from 220 °C

Chemical properties:

- Resistant to oils, fats, solvents, acids and alkalis in low concentrations (especially organic)
- with inorganic acids
  → use C glass fibres
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H_3PO_4)

Applications:

Static sealing system against dry heat and use for cold insulation. Fireproof oven seal, insulation cords for winding, heat-resistant gasket in combustion chamber doors.

Applications limits:

Use of C glass fibres as core material → Max. continuous temperature 450 °C

Dimensions: Ø 2 - 50 mm (tolerance +/- 10 %)