



Sealing and insulating cords

Glass fibre/ ceramic fibre products

Round cord



Article description:	R128
Article forms:	Round
Preparations:	Without any additionally preparation
Materials:	E glass fibres, E glass fibres with HT finish, ceramic fibres, silica fibres Ceramic or silicon oxide mat core, ceramic fibres as core

Mechanical properties:

- High dimensional stability and strength

Thermal properties:

- Non-flammable

E glass fibres

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

Ceramic fibres with chrome wire/ Non-woven ceramic mat

- Max. continuous temperature 1100 °C
- Short-term 1200 °C possible

E glass fibres with HT- Finish

- Max. continuous temperature 750 °C
- Short-term 800 °C possible

Silica fibres/ Non-woven silicon oxide mat

- Max. continuous temperature 1000 °C
- Short-term 1100 - 1200 °C possible

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)

Applications:

For sealing and insulating applications, such as: Expansion joints and for the insulation of chimney doors and chimney pipes.

Application limits: Depending on the material used.

Dimensions: Ø 10 - 20 mm (tolerance +/- 10 %) ceramic fibres as core
Ø 25 - 60 mm (tolerance +/- 10 %) ceramic or silicon oxide mat core