Glass fibre packing

Article description:	G123
Article forms:	Round or square With or without any additionally preparation
Preparation:	Graphite impregnation Vermiculite impregnation
Materials:	Twisted, textured E glass fibres with high temperature treatment as a finish

Mechanical properties:

- Shrinks at the maximum temperature exposure up to 2%

Thermal properties:

- Non-flammable

E glass fibres with HT- Finish

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

Chemical properties:

- Resistant to slag, liquid metals, oils, fats, solvents and most acids and alkalis in low concentrations
- Not resistant to hydrofluoric acid (HF) and concentrated phosphoric acid (H_3PO_4) as well as strongly concentrated alkalis
- Insensitive to moisture

- The graphite impregnation begins to decompose above a temperature of about 450 °C
- Vermiculite impregnation is used for temperature resistance and reduction of heat losses in the temperature range up to 1000 °C

Applications:

For static and mechanical applications against dry heat, such as: sealing of industrial furnaces, boilers and fireplaces, oven doors and thermal insulation.

Application limits: Max. continuous temperature 750 °C

Dimensions: 4 - 50 mm edge length quadratic or rectangular (tolerance +/- 10 %)
→ Larger size on request
Ø 3 - 50 mm (tolerance +/- 10 %)