



Glass fibre packing

Article description: G122

Article forms: Round or square

Preparations (static applications):

- Graphite impregnation
- Vermiculite impregnation

Preparations (dynamic applications):

- PTFE impregnation or PTFE-Graphite impregnation

Materials: Twisted, textured E glass fibres (sheath)
E glass and/or C glass fibre (core)



Mechanical properties:

- Excellent flexibility, high mechanical strength
- High resilience

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

- **PTFE impregnation:** decomposes at temperatures above 250 °C

Chemical properties:

- Resistant to oils, fats, solvents, Acids and bases in low concentrations up to pH 3 - 9
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)

Applications

For static applications, such as: sealing of industrial furnaces, boilers and fireplaces, furnace doors, coal mills, inspection hatches, flaps and covers, seals for heat exchangers and for the thermal insulation of, for example: piping or pipe penetrations.

Application limits:

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

Use of E glass fibres as core material → Max. continuous temperature 550 °C

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

The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.