



## 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 (H<sub>3</sub>PO<sub>4</sub>)

## 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.*