



Flat knitted tape

Article description: BGL, BBE

Article forms: rectangular

Materials: Twisted, textured E glass fibres, Belcotex® 110

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

Belcotex

- max. continuous temperature 1050 °C
- shrinkage at 1000°C approx. 6%
- free of organic binders
- coating-free / without coating

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)

Belcotex

- not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)
- resistant to hot, concentrated acids and cold, diluted alkalis

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 E glass fibres as core material → max. continuous temperature 550 °C

Use of Belcotex® 110 as core material → max. continuous temperature 1050 °C

Dimensions: 10 – 100mm width, 3mm thick (tolerance +/- 10 %)
→ larger size on request