

## BRAIDED E-GLASS FIBRE PACKING – 550°C

Braided Packing is produced from various types of yarn and can be supplied in round, square or rectangular section.

**Braided E-Glass packing** is a high strength product with low compressibility and is especially recommended for heavy duty applications. When the packing is coated with graphite, an increase in lubricity results.

**Braided E-Glass packing** is made from texturized, continuous E-Glass fibre filaments up to a maximum of 9 microns. These fibres cause considerably less irritation of the skin than the coarser fibres.

### Chemical Properties

**Braided E-Glass packing** exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalies. No water of hydration is present. Excellent die-electrical strength.

### Availability

**Braided E-Glass packing** is available in the following diameter sizes : 5-60 mm, section sizes : 5 x 5 - 60 x 60 mm. Other dimensions and rectangular sizes available on request. All E-Glass products are also available in a black version which is made by a colourfast lubricant. Next to this braided e-glass packing can also be delivered with a silicone elastomer, which will lead to a more elastic packing and an increase of gas tightness at low temperature.

### Applications

- Static seals in (steam)boilers and (coke)furnaces
- Kiln car seals
- Seals in heat exchangers
- Seals between filter elements
- Wrapping of exhausts
- Keramab N.V. has in-house facilities to apply the protective braiding directly on the flexible products

### Typical Physical Properties

Average density	900 kg/m <sup>3</sup>
Colour	White
Basic Composition	Silica
Continuous Use Limit	550°C (E-Glass)
Melting Point	840°C