

KERAMAB® BRAIDED CERAMIC FIBRE PACKING - 1260°C

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

Keramab® braided packing is a high density, 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.



Keramab® braided packing is reinforced with glass (650°C) or metal wire (1050°C) and contains approximately 20% organic carrier fibre to facilitate the carding process. The carrier fibre burns out at a low temperature, but this has no effect on the properties of the ceramic fibre.

Chemical Properties

Keramab® braided packing exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalis. It also resists oxidation and reduction. If wet by water or steam, thermal and physical properties are completely restored upon drying. No water of hydration is present.

Availability

Keramab® braided 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.

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	550 - 600 kg/m ³
Colour	White
Basic Composition	Alumina-Silica
Continuous Use Limit	Reinforced with glass: 650°C Reinforced with metal wire: 1050°C
Melting Point	1790°C