KERAMAB ® BRAIDED CERAMIC FIBRE SLEEVING – 1260°C

LEADER IN HIGH TEMPERATURE SOLUTIONS

TECHNICAL DATASHEET

Sleeving is produced by braiding several types of yarn into a circular tube.

Keramab® braided sleeving is a flexible HT tubular textile product for the protection and the insulation of hoses, pipes, cables or wires. Keramab N.V. has in-house facilities to apply the protective braiding directly on the flexible products. It 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.

Keramab® braided sleeving is reinforced with glass (650°C) or metal wire (1050°C). For electrical applications glass reinforcement is recommended.

Chemical Properties
Keramab° braided sleeving exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalies. 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 sleeving is available in the following diameter sizes : 8-60 mm. Other sizes available on request.

Applications
- Cable and wire insulation (thermal and/or electrical)
- Fuel line insulation
- Pipe hanger insulation
- Thermal insulation of steam-pipes in wells
- Wrapping of exhausts

Typical Physical Properties

Average density	200 - 600 kg/m3	
Colour	White	
Basic Composition	Alumina-Silica	
Continuous Use Limit	Reinforced with glass	: 650°C
Reinforced with metal wire		: 1050°C
Melting Point	1790°C	

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