



DESCRIPTION

Ceramic Fibre Textile Ropes are manufactured using ceramic fibre yarns around a central fibre core. Yarns are either fiber glass or stainless steel wire reinforced. The resulting product displays high strength & density with low compressibility, making it especially suited for heavy duty applications.

Ceramic Fibre Textile Ropes are available with various combinations

- Core : Blanket, Yarn
- Braiding : Single, Double
(Loosely & Closely braided also available)
- Shape : Round, Square
- Reinforcement : Fiber Glass or Stainless Steel

GENERAL CHARACTERISTICS

Ceramic Fibre Textile Ropes have the following outstanding characteristics :

- High temperature stability
- Resistance to thermal shock and chemical attack
- Excellent handling strength
- High resiliency
- Easy to wrap & cut

TYPICAL APPLICATIONS

- High temperature gaskets and packing
- Furnace, kiln and oven door seals
- Mould seals
- Insulating pipe wrap
- Expansion joints
- Asbestos substitute

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

*greener
cleaner
safer*
specialty fibers for
a greener, cleaner, safer world

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TYPICAL PRODUCT PARAMETERS

Ceramic Fibre Textile Rope	S
Typical Chemical Analysis (%)	
$Al_2O_3 + SiO_2$	97% Max
Physical Properties	
Classification Temperature (°C)	1260
Melting Point (°C)	1760
Density (kg/m ³)	350 - 550
Loss on Ignition (%)	< 18

Classification temperature refers to the maximum short term temperature limit. The maximum continuous use limit depends upon application conditions. For certain applications continuous use temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Unifrax Engineering office.

AVAILABILITY

Packaging	
Diameter (mm)	Minimum Packing Length (M)
6	200
8	200
10	200
13	200
19	100
25	100
30	75
38	50
50	25
60	25

Ceramic Fibre Twisted Ropes are produced from a number of strands of yarn tightly twisted together. They contain either glass or stainless steel wire reinforcement. The product is soft, pliable and exhibits excellent sealing properties.

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by: