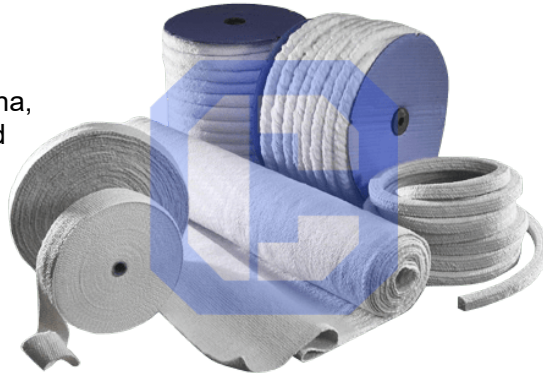




TECHNICAL DATA SHEET
Ceramic Fiber Textiles

DESCRIPTION:

Ceramic Fiber Textiles are manufactured from alumina-silica ceramic fiber consisting of 47% Alumina, and 53% Silica. The textiles are free of asbestos and crystalline silica, also known as free silica. The material is typically used up to 2300F (1260C). Textile products do contain approximately 15% organic carriers which aid in formation and manufacturing. These organics do burn out at 750F (400C).



Benefits

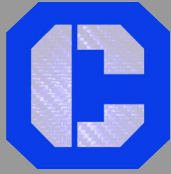
- Excellent chemical stability and resistance, excluding hydrofluoric & phosphoric acids or concentrated alkalis.
- Strong resistance to thermal shock and corrosion.
- If wet by water or steam, thermal properties are fully restored upon drying.
Resistant to oxidation and reduction.

Typical Applications

- Foundries, refineries and power plants
- Furnace door seal and insulation
- High temperature gasketing and packing
- Expansion joint packing in boilers and furnaces
- Wood-burning stove door seal
- Tadpole gasket bulb cord
- Glass furnace truckstone seal
- Coke Oven door jam seal
- Maintenance in Aluminum Plants
- Gasket for vacuum degassing of steel

Technical Specifications Board

Chemical Composition (%)			
Chemical Contents	Tape	Square and round Braided Ropes	Twisted Rope
Alumina- Al ₂ O ₃	47	47	47
Silica- SiO ₂	53	53	53
Boron Oxide- B ₂ O ₃	-	Trace	Trace
Calcium Oxide- CaO	-	Trace	Trace
Magnesium Oxide- MgO	-	Trace	Trace



TECHNICAL DATA SHEET

Ceramic Fiber Textiles

Typical Physical Properties				
Type	Unit	Tape	Square and round Braided Ropes	Twisted Rope
Color	-	White	White	White
Width	Inch	1/2,1,2,3,4,6	-	-
Normal Section or Diameter	Inch	-	1/4, 3/8, 1/2, 5/8, 3/4, 1, 1.25, 1.5, 2	1/4, 3/8, 1/2, 5/8, 3/4, 1, 1.25, 1.5, 2
Normal Thickness	Inch	1/8	-	-
Density	PCF	-	33-36	20-33
Tensile Strength Grip	lb/f	58	110-150	75-100
Melting Point	°F	3200	3200	3200
Continuous Use Up to °F	°F	2300	2300	2300
Temperature Limit of Insert Materials	-	2000(wire) 1200(glass)	-	-