

## Shreeinsul Ceramic Fiber Rope

Shreeinsul Ceramic Fiber Ropes are made from premium quality Ceramic fiber Yarn. The standard Rope segment consists of braided and twisted ropes and are available in both metallic and non-metallic categories. The braided ropes are available in round, square and rectangular shapes. SS wire or Fiber Glass reinforced to give the product excellent handling strength during application. These ropes contain 10 – 12% organic carrier which helps to establish physical formation of products and burns out at a temperature of about 400° C.



### Standard Dimension

**Dia /Thickness (mm)**    6 – 150

**Density (Kg/m3)**        400 – 800

### Temperature Classification

1260°C Regular Temp

### APPLICATIONS

- Furnace & Boilers door insulation
- Expansion joints
- Cable or Pipe wrapping
- High temperature seals or Gaskets
- High temperature Gasketing & Packing in Foundries,
- Refineries, Power plants and steel plants

Different categories of Shreeinsul Ceramic Fiber Ropes are as following:

- 1) Ceramic Fiber Yarn Braided Rope
- 2) Ceramic Fiber SS Wire Braided Rope.
- 3) Ceramic Fiber Yarn Twisted Rope
- 4) Ceramic Fiber Yarn braided with fiber glass
- 5) Laggin g Rope with inner core of Ceramic Fiber Blanket braided with Ceramic Fiber Yarn.

Shreeinsul Rope	
Grade	1260oC
Rope Type	Round, Square and Rectangle ropes
Reinforcement	Fiber Glass yarn or SS wire
Density	400 – 800
Size (mm)	10 – 25 mtrs length or as per customer requirement
LOI (%)	< 20 %
Tensile Strength ( Kg/cm2 )	> 0.4
Linear Shrinkage (%) 1200oC for 24 Hrs	< 3.5
Thermal Conductivity (W/moK) at 500oC Mean Temp (blanket)	0.14
Chemical Composition	1260 Deg C
SiO2%	49-58%
Al2O3%	41-49%
ZrO2%	0-7%
Fe2O3%	Max 0.1%