

ShreeCera Yarn Braided Rope

ShreeCera Yarn Braided Ropes are made from Ceramic fiber Yarn braided with the inner core of SS wire or FG yarn reinforced for additional strength to give excellent handling strength. These ropes are manufactured from high performance ceramic fibers. **ShreeCera** Ceramic ropes are high temperature resistance. **ShreeCera** ropes are made from long ceramic (fibers more than 200mm) coupled with SS wire to improve the strength (Tensile Strength). These ropes contain 10 – 12% organic carrier which helps to establish physical formation of products and burns out at about 400° C.



Standard Dimension

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

Shree Cera 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%