

TECHNICAL DATA SHEET CERAMIC FIBER ROPE

NOMENCLATURE

Ceramic fiber braided / twisted rope reinforced with stainless steel wire.

Ceramic fiber braided / twisted rope reinforced with stainless steel wire is extremely suitable for high temperature resisting static application and insulation. **ADVANTAGES**

- Excellent high thermal heat resistance to thermal shock.
- Negligible Volume loss during Operation due to extremely low Loss on Ignition.
- Negligible Volume loss leads to longer Operational Life.
- Due to extremely low density, it gives a much larger volumetric coverage over a given mass.
- Due to reinforcement of stainless steel wire, it enhances mechanical strength and corrosion resistance

SERVICE MEDIA

Super Heated and Saturated Steam, Oxidizing and Non-Oxidizing liquids and gases, Hot Blast, Molten Alumina, etc.

TYPICAL APPLICATIONS

Removable Insulation Covers, Expansion Joints, Oven Door Seals, Flue Liner Protection, Flue Ducts, Cable Protection, Pipe Wrap, High Temperature Gaskets, Boiler wrappings etc.

TECHNICAL PARAMETERS

PROPERTIES	VALUES	PROPERTIES	VALUES
Colour	White	Average Density	*400 – 750 kg/m ³
Thermal Resistance	1260 Deg C	Loss on Ignition	Maximum 18 %
Max. Moist. Content	Maximum 2 %	Al ₂ O ₃	44.50 – 48 %
SiO ₂	52 – 56 %	Packing	Kgs / Meters Coil
Sizes	6 mm to 200 mm	Section	Round, Square, Rectangle.

- Indicates values of the original fiber used.

Registered Office & Plant Address:

DGN Faser Pvt. Ltd.

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