



DGN FASER PRIVATE LIMITED

R.S. No. 565, Surendranagar – Lakhtar Highway, Near Dedadra Patiya, Surendranagar – 363030 (Guj.)

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Accredited with QMS 9001-2015, EMS 14001-2015 & OH & SAS 18001-2015

TECHNICAL DATA SHEET CERAMIC FIBER CLOTH

NOMENCLATURE

Ceramic fiber woven cloth reinforced with 'E' glass filaments.

Ceramic fiber woven cloth is extremely suitable for high temperature resisting static application and insulation.

ADVANTAGES

- ☐ Extremely high Thermal and Electrical Insulating properties.
- ☐ 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.

SERVICE MEDIA

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

TYPICAL APPLICATIONS

Welding blankets, Fire Blankets, Fire Curtains, 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

Al ₂ O ₃	44.50 – 48 %
SiO ₂	52 – 56 %
LOI	< 18 %
Max. Moist. Content	< 2 %
Continuous Maximum Working Temp.	1175 Deg. C
Maximum Temperature	1260 Deg. C

Sizes

Width :	1 Meter
Thickness	3 mm to 6 mm
Weaving Pattern	Plain