

Ceramic Fiber Paper



Datasheet Code 5-5-01 E

MSDS Code 104-9-EURO REACH

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DESCRIPTION

Ceramic fiber Papers are manufactured from high purity refractory fibers and designed for high temperature insulation.

Advanced production techniques ensure uniform fiber distribution and close control of thickness and density.

Papers are being produced from Alumina silicate fibers with minimum addition of carefully selected Bonds, which burn out cleanly in service.

TYPE

Refractory ceramic fiber paper

CLASSIFICATION TEMPERATURE

STD Paper : 1260 °C

AZS Paper : 1400 °C

AVAILABILITY

Standard sizes

5, 10, 25 and 50 kgs

FEATURES

- High flexibility
- Good resistance to tearing
- Precise thickness
- Resistance to thermal shock
- Very low thermal conductivity

APPLICATIONS

- Insulating gaskets
- Expansion joints
- Die cut gaskets for domestic appliances
- Gaskets , seals & parting media
- Ladle lining back up
- Mould liners
- Thermal barrier for vehicles(Silencers, catalytic exhaust and heat shields)
- Heat loss reduction in sub entry nozzle

AUTH. CHANNEL PARTNER - VARSHA REFRACTORIES PVT. LTD.

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MAJOR PROPERTIES

Physical Properties	STD PAPER	AZS PAPER
Classification temperature °C	1260 °C	1400 °C
Chemical composition (%) (IS:12107 / XRF)		
Al ₂ O ₃	> 42	> 32
SiO ₂	< 56	< 52
ZrO ₂	---	< 19.5
Loss on ignition %	< 10	< 10
Density (Nominal) kg/m ³	150	150
Tensile strength (Kgf/m ²) (ENV 1094-7)	9000	9000
Linear shrinkage % - 24 hrs (Max) (ENV 1094-7)	2.0 (At 1100°C)	2.0 (At 1200°C)
Availability & Packaging – 1000 mm width x 1000 mm length		
Thickness (mm)		
2		
3		
4		
5		
6		
8		
10		
12		

The values given herein are typical values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes. Check with your Thermal Ceramics office to obtain current information.

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