



Shiv Sales Corporation®

Shop No. 5272, Opposite Dena Bank, Main Market, G.B. Road  
New Delhi, Delhi – 110006, India Telephone: (+91)-(11)-23214841 / 23234841

### Ceramic Fibre Paper

Ceramic fiber Papers are manufactured using our expert non-wovens technology and offer exceptional insulating performance and flexibility. Advanced production techniques ensure a highly uniform structure characterized by low thermal conductivity, good handling strength and a smooth surface. Premium grade Ceramic fiber Paper is produced using a unique washing process to give a paper designed for applications where extra cleanliness is required

### GENERAL CHARACTERISTICS

Ceramic fibre Paper have these outstanding characteristics:

- High temperature stability (upto 1260 Deg.C)
- Low heat storage
- Light weight
- Resiliency
- Thermal shock resistance
- Flexibility in use
- Easy to wrap, shape & cut
- Contains no asbestos

### TYPICAL CHEMICAL ANALYSIS (fired wt.%)

SiO <sub>2</sub>	54-58
Al <sub>2</sub> O <sub>3</sub>	42-46
Alkalis	<0.25
Fe <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub>	<0.3
Loss of ignition	<10%

### TYPICAL PRODUCT PARAMETERS Physical Properties

Colour	White	Classification temp.
1260 Deg.C Melting point		>1760 Deg. C
Product density	150-210 kg/m <sup>3</sup>	
Tensile strength	>350kPa	

### THERMAL CONDUCTIVITY (w/mK)

Mean Temp.	
400 Deg. C	0.06
600 Deg. C	0.08
800 Deg. C	0.11

Permanent Linear Shrinkage	
24 hour soak at 1250 Deg.C	<40%

Where appropriate Physical Properties and Thermal Conductivity Data measured according to ASTM C 892 and ASTM C 177 respectively.

## TYPICAL APPLICATIONS:

- \* Die cut gaskets between castings in coke over doors, blast furnace hot air piping, aluminium heat treating furnace, tuyeres and heat treat furnaces
- \* Backup for brick & monolithic refractories in blast furnace stoves, piping, tundish, ladle, hot metal cars, troughs, etc.
- \* Automotive Silencer interleaf and heat shields
- \* Mould wrapping for controlled cooling
- \* SEN insulation wrapping
- \* Heat shield for welding & brazing operation
- \* Fabricated into tapout cones for aluminium industry
- \* Induction coil liner
- \* Mould liner
- \* Ladle & Tundish insulation
- \* Asbestos paper replacement
- \* Hot top linings
- \* Thermal and electrical insulation
- \* Rotary kiln back-up insulation
- \* Expansion joint packing

## AVAILABILITY

Thickness (mm)	1	2	3	4	5	6	8	10	12
Sheet Form Std. Size ( M x M)	1 x 1	1 x 1	1 x 1	1 x 1	1 x 1	1 x 1	0.5 x 1	0.5 x 1	0.5 x 1
Roll Form Std. Size ( M x M)	1.22 x 40	1.22 x 30	1.22 x 20	1.22 x 15	1.22 x 12	1.22 x 10	N A	N A	N A

Other thickness / roll size variations and 1400 De.C product available on request subject to minimum order requirements