

DATA SHEET

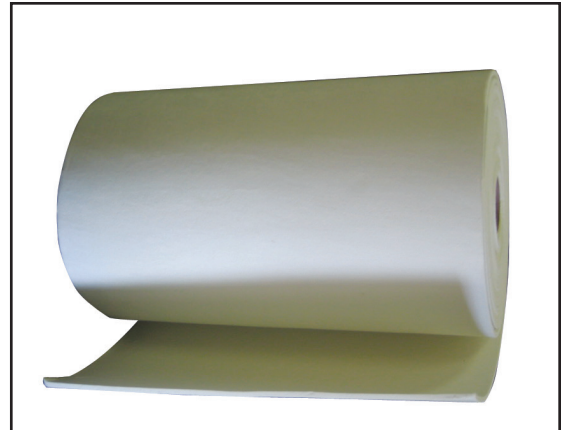
Ceramic Fiber Paper consists primarily of high purity alumina-silicate fiber and is made through a fiber washing process. This process controls the content of unfiberized shots to a very minimal level within the paper.

Ceramic Fiber Paper features light weight, structure uniformity and low thermal conductivity, which serve as a perfect solution for high temperature insulation, chemical corrosion resistance, and thermal shock resistance.

Ceramic Fiber Paper can be used in various types of refractory and sealing applications. It is available in a variety of thicknesses, widths, and temperature ratings.

Applications:

- Appliance heat seals
- Parting plane in refractory linings
- Combustion chamber liners
- Backup lining for metal troughs
- Hot top linings
- Thermal and electrical insulation
- Refractory backup insulation
- Kiln car deck covering
- Coke oven door shock absorption medium



Standard Thicknesses: 1/32", 1/16", 1/8", 1/4"

Standard Widths: 24" and 48"

Standard Packaging: Approximately 25 lb/roll

Types of Grades:

Standard: continuous use up to 1832°F

Premium: continuous use up to 2012°F

High-Alumina: continuous use up to 2192°F

Zirconia: continuous use up to 2462°F

Physical Properties

Specs	Standard Grade	High-Purity Grade	High-Alumina Grade	Zirconia Grade
Color	White	White	White	White
Maximum Use Limit	2300°F	2300°F	2552°F	2552°F
Continuous Use Limit	1832°F	2012°F	2192°F	2462°F
Density (PCF)	12.5	12.5	12.5	12.5
Tensile Strength (PSI)	≤5%	≤5%	≤5%	≤5%
Break Strength (PSI)	24.65	24.65	24.65	24.65
Thermal Conductivity	(Btu in./hr/ft ² °F)			
@ 260°C (500°F)	0.24	0.24	0.24	0.24
@ 540°C (1004°F)	0.51	0.51	0.51	0.51
@ 600°C (1112°F)	0.55	0.55	0.55	0.55
@ 800°C (1472°F)	0.76	0.76	0.76	0.76
@ 1000°C (1832°F)	1.18	1.18	1.18	1.18