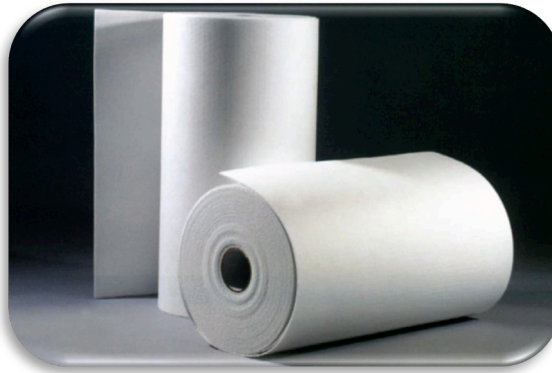


CERAMIC FIBER PAPER



The ceramic fiber paper offered by Diversified Imports, Inc. consists mostly of high purity alumina-silicate fiber. Our ceramic fiber paper exhibits excellent chemical stability, resisting attack from most corrosive agents and has low thermal conductivity, which serve as a perfect solution for high temperature insulation, chemical corrosion resistance, and thermal shock resistance. It can be used in various types of refractory and sealing applications.

Classification Temperature:

HP Ceramic Fiber Paper	1260°C (2300°F)
HZ Ceramic Fiber Paper	1260°C (2300°F)

Features:

- Low thermal conductivity and low storage
- Excellent thermal stability and thermal shock resistance
- Excellent erosion resistance

Applications:

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

TYPICAL PRODUCT PARAMETERS

	HP Paper	HZ Paper
Physical Properties		
Color	White	White
Maximum Temperature Rating, °C (°F)	1260 (2300)	1260 (2300)
Recommended Operating Temperature, °C (°F)	1100 (2012)	1350 (2462)
Available Density, kg/m ² (lb/ft ²)	200 (12.5)	200 (12.5)
Tensile Strength, MPa (Psi)	≥0.3 (43.5)	≥0.3 (43.5)
Organic Content, %	≤9.0	≤9.0
Chemical Analysis, % Weight		
Al ₂ O ₃	47 – 49	39 – 40
SiO ₂	50 – 52	42 – 43
ZrO ₂	-	15 – 17
Fe ₂ O ₃	≤0.5	≤0.5
Na ₂ O	≤0.2	≤0.2
*Custom sizes are available		

The data shown are average results of tests under standard procedures and are subject to variation. Results should not be used for specification purpose or creating any contractual obligation. For more information on the safety application or material, please refer to the work practices and material safety data sheet.