

Paper

Product Introduction

The paper product is specially processed and has excellent performance, suitable for high temperature application environment; due to its unique high fire resistance and excellent non-wetting properties, it can replace traditional solutions and is suitable for applications that require direct contact with molten aluminum and have high requirements for stability and chemical resistance.

Thermal insulation paper is extremely suitable for complex special-shaped parts, can be die-cut, and can be used in various application environments such as thermal insulation, especially suitable for use as gaskets, seals and separation media.



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Paper

Application

- High temperature resistant
- gaskets and seals
- Refractory backing insulation
- Filtration use



Application advantages of fiber paper:
Fiber paper is extremely suitable for complex special-shaped parts, can be die-cut, and can be used in various application environments such as thermal insulation. It is especially suitable for use as gaskets, seals and separation media.
It also meets the regulatory requirements of the automotive, aerospace and industrial fields.

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Ceramic fiber paper technical data sheet

Properties	1260Ceramic fiber Paper	1350Ceramic fiber Paper	1430Ceramic fiber Paper
Color	white	white	white
Classification Temperature°C	1260	1350	1430
Continuous Use Temperature, °C	1060	1150	1230
Density, kg/m3	200	200	200
Permanent Linear Shrinkage, %,24 hours			
1060°C	< 4		
1150°C		< 4	
1200°C			< 4
Chemical Composition, %			
Alumina, Al2O3	43	46	37
Silica, SiO2	62	53	49
Zirconia oxide, ZrO2	-	-	13
Calcium oxide + Magnesium oxide, CaO + MgO	-	-	-
Other	< 1	< 1	< 1
Thermal Conductivity, W/m·K			
600°C	0.09	0.09	-
800°C	0.14	0.14	0.13
1000°C	0.2	0.2	0.18

*Special sizes can be designed and manufactured according to customer requirements. For more specifications and detailed technical solutions, please contact our sales engineer.
The technical data of the product is the average value measured by the adopted test standard. The value will fluctuate within a certain range. This data does not represent the quality assurance data of the product.

Ceramic fiber paper size & package

Length (MM)	Width (MM)	Thickness (MM)	Packaging
60000	610/1220	1	Small carton packaging
30000	610/1220	2	
20000	610/1220	3	
15000	610/1220	4	
12000	610/1220	5	
10000	610/1220	6	

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