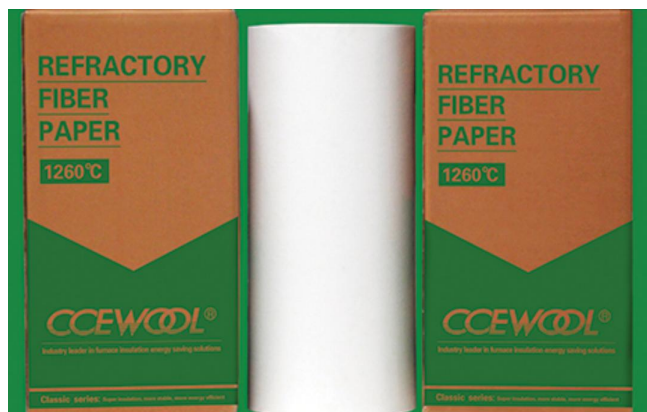


CCEWOOL® Ceramic Fiber Retardant Paper



Classification Temperature: 1260°C (2300°F), 1400°C (2550°F), 1430°C (2600°F)

Chemical Composition: Alumina, Silica, (Zirconia)

CCEWOOL® Ceramic Fiber Retardant Paper is a high-temperature insulation material with enhanced fire-retardant performance based on conventional ceramic fiber paper. By incorporating a controlled proportion of flame-retardant components into the material system, the paper is less likely to ignite when

directly exposed to flame, improving safety in applications involving open-flame conditions.

While retaining the lightweight, flexible, low-thermal-conductivity, and thermal insulation properties of ceramic fiber paper, CCEWOOL® Ceramic Fiber Retardant Paper provides enhanced fire protection, making it more suitable for high-temperature insulation and protective applications requiring improved flame resistance.

The product offers good processing adaptability and can be cut, punched, die-cut, and machined into custom shapes for gaskets, insulation pads, and protective components. With stable high-temperature performance and enhanced fire-retardant properties, CCEWOOL® Ceramic Fiber Retardant Paper provides a reliable flexible insulation solution for high-temperature equipment and fire-protection systems.

Characteristics:

Excellent flame-retardant performance;

Low heat capacity;

Low thermal conductivity;

Excellent electrical insulation;

Good machinability;

High strength and tear resistance;

Good flexibility;

Low shot content;

Excellent corrosion resistance;

Easy to wrap, form, and cut;

Easy to process.

Applications:

Insulation and protection with direct flame exposure;

High-temperature fire barriers and protective layers;

Welding and brazing protection;

High-temperature sealing gaskets and fire-resistant gaskets;

Insulation for electric heating equipment and smoke-free heating systems;

Fire-resistant insulation for industrial furnaces, ovens, and heat-treatment equipment;

High-temperature separation and protection in casting and glass industries;

High-temperature protection for automotive and aerospace applications;

Fire-resistant electrical insulation for electrical and electronic equipment.

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CCEWOOL® Ceramic Fiber Retardant Paper			
Item	1260STD	1400HA	1430HZ
Operation Temperature	1050°C	1200°C	1350°C
Density (kg/m ³)	180-200		
Tensile Strength (PSI)	58	94	136
Linear Shrinkage (%)			
@1000C,24hrs	2	-	-
@1100C,24hrs	-	2	-
@1200C,24hrs	-	-	2
Lose on ignition (%)	9	9	9
Chemical Composition (%)			
Al ₂ O ₃	46	52-55	39-40
Al ₂ O ₃ +SiO ₂	97	99	-
ZrO ₂	-	-	15-17
Fe ₂ O ₃	1	0.2	0.2
Na ₂ O+K ₂ O	0.5	0.2	0.2

Specification (MM)	60000×610×1 (200'×24"×1/24") 30000×610×2 (100'×24"×1/12")
	20000×610×3 (66'×24"×1/8") 15000×610×4 (50'×24"×1/6")
	12000×610×5 (40'×24"×1/5") 10000×610×6 (33'×24"×1/4")
	Min Width: 5cm (2")
Package	Inner Plastic Bag +Outer Carton