

CCEWOOL® Ceramic Fiber Cloth



Temperature Grade: 1260°C (2300°F)

CCEWOOL® Ceramic Fiber Cloth is woven from high-quality refractory ceramic fiber yarn and is a high-performance industrial-grade refractory ceramic fiber fabric suitable for high-temperature applications. It is lightweight, flexible, and available in various thicknesses, widths, and densities. CCEWOOL® Ceramic Fiber Cloth contains a certain amount of

organic fibers, which gradually carbonize and turn black when heated, without affecting its normal insulation performance. As the temperature continues to rise, the product will gradually turn white again as the organic fibers are completely carbonized. It is available in two variations, reinforced with either nickel-chromium alloy wire or glass filament, and it has excellent wear resistance and resistance to mechanical damage, maintaining high strength at high temperatures. CCEWOOL® Ceramic Fiber Cloth is easy to manufacture, has low shrinkage, and remains flexible even after exposure to high temperatures.

Characteristics:

Low thermal conductivity

Excellent thermal shock resistance, thermal stability

Excellent tensile strength

Sound insulation

Easy cut and easy stall

Containing no asbestos

Chemical corrosion resistance.

Application:



Gasket and wrapping material

Induction heating furnace coil insulation

Cable and wire insulation (thermal and/or electrical)

Infrared radiating diffusers

Boiler tadpole gaskets

Fuel line insulation

Furnace heat zone separators

Exhaust hood curtains

Pipe hanger insulation

TDS

CCEWOOL® Ceramic Fiber Cloth		
Classification Temperature (°C)	1260 (2300°F)	
Name	Glass Filament Reinforced Cloth	Inconel Wire Reinforced Cloth
Density (kg/m ³)	550	
Long-term Operation Temp	550	1050
Water Content	≤2	
Organic Content (%)	≤15	
Shrinkage at 982°C (%)	-1	
Packing of ceramic rope	Braided Bag/ Carton	
Specification (T x W x L)	2mm x 1m x 30m (1/12" x 40" x 100')	
	3mm x 1m x 30m (1/8" x 40" x 100')	
	5mm x 1m x 20m (1/5" x 40" x 66')	
	6mm x 1m x 20m (1/4" x 40" x 66')	