

CCEWOOL Ceramic Fiber Cloth



Temperature Grade: 1260°C (2300°F)

CCEWOOL ceramic fiber cloth is precision-woven from high-performance long-filament ceramic fiber yarn, offering a combination of strength, light weight, and flexibility. It is available in a range of thicknesses, widths, and densities to accommodate different application needs. A small amount of binder is included, which burns off completely at low temperature without carbon residue, ensuring excellent thermal insulation.

For enhanced mechanical durability, two reinforced series are available — nickel-alloy wire reinforced and glass-fiber reinforced — providing superior abrasion resistance and mechanical strength under high-temperature conditions. The cloth is easy to cut, sew, and shape, with extremely low shrinkage, and remains flexible even after prolonged exposure to elevated temperatures, making it ideal for both on-site installation and secondary processing.

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:

Our CCEWOOL ceramic cloth are widely used in heat pipe and container insulation, heat radiation shielding, protective clothing, high temperature fire curtain, cable or fuel pipeline protection, high temperature metal compensator refractory layer, and other industrial thermal insulation, fire-resistant and protection.

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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 (°C)	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')	