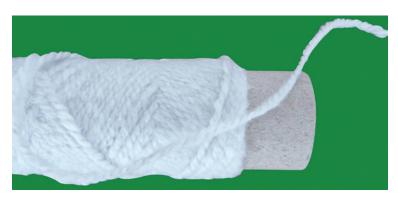
CCEWOOL® Ceramic Fiber Yarn



Temperature Grade: 1260°C (2300°F) CCEWOOL® Ceramic Fiber Yarn is made through a special process using refractory ceramic fiber cotton, non-alkali glass filament, and high-temperature-resistant stainless steel alloy wire. It is used for the installation of insulation materials and heat conduction systems and is also widely used in the production of other refractory ceramic

fiber textiles. Products made from CCEWOOL® Ceramic Fiber Yarn are sturdy, chemically stable, and have excellent insulation qualities.

Characteristics:

Excellent high-temperature strength;

Excellent electrical insulating properties;

Excellent resistance to acid, oil, water vapor corrosion;

Low thermal conductivity;

Excellent thermal insulation.

Application:

Stitching fireproof cloth/tape/rope

100				
CCEWOOL® Ceramic Fiber Yarn				
Classification Temperature ($^{\circ}\!$	1260 (2300°F)			
Name	Glass Filament Reinforced Yarn	Inconel Wire Reinforced Yarn		
Density (kg/m3)	550			
Long-term Operation Temp (℃)	550	1050		
Water Content(%)	≤2			
Organic Content (%)	≤15			
Shrinkage at 982℃ (%)	-1%			
Packing of ceramic fiber yarn	Braided Bag/ Carton			

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

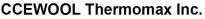
Easy cut and easy stall

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





Classification Temperature (°C)	1260 (2	1260 (2300°F)	
Nama	Glass Filament	Inconel Wire Reinforced	
Name	Reinforced Cloth	Cloth	
Density (kg/m3)	5	550	
Long-term Operation Temp	550	1050	
Water Content	3	≤2	
Organic Content (%)	≤	≤15	
Shrinkage at 982℃ (%)		-1	
Packing of ceramic rope	Braided E	Braided Bag/ Carton	
	2mm x 1m x 30m (1/12" x 40" x 100')		
Charification (T.y.M.y.L.)	3mm x 1m x 30m (1/8" x 40" x 100')		
Specification (T x W x L)	5mm x 1m x 20m (1/5" x 40" x 66')		
	6mm x 1m x 20m (1/4" x 40" x 66')		

CCEWOOL® Ceramic Fiber Tape



resistance, insulation, and friction applications.

Temperature Grade: 1260°C (2300°F)
CCEWOOL® Ceramic Fiber Tape is made from high-quality refractory ceramic fiber yarn, reinforced with either glass filament or stainless steel wire. It possesses excellent chemical stability, outstanding resistance to thermal shock, corrosion resistance, and resistance to damage caused by mechanical vibrations and stress. It is highly suitable for industrial applications that require sturdy, flexible, and high-temperature-resistant materials. CCEWOOL®
Ceramic Fiber Tape is used in various thermal equipment and heat conduction systems for fire

Characteristic:

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:

Industrial thermal insulation, pipe and cable insulation coating, exhaust piping insulation coating, bolt flange connection, thermal radiation shielding, high temperature furnace door curtain

	CCEWOOL® Ceramic Fiber Tape	
Classification Temperature ($^{\circ}\!\mathbb{C}$)	1260 (2300°F)	
Name	Glass Filament Reinforced Tape	Inconel Wire Reinforced Tape
Density (kg/m3)	550	
Long-term Operation Temp	550℃	1050℃
Water Content (%)	≤2	
Organic Content (%)	≤15	
Shrinkage at 982°C (%)	-1	
Packing of ceramic tape	Braided Bag/ Carton	
	2mm x 20mm x 30m (1/12" x 4/5" x 100')	
	3mm x 20mm x 30m (1/8" x 4/5" x 100')	
	2mm x 30mm x 30m (1/12" x 6/5" x 100')	
	3mm x 30mm x 30m (1/8" x 6/5" x 100')	
	2mm x 40mm x 30m (1/12" x 8/5" x 100')	
	3mm x 40mm x 30m (1/8" x 8/5" x 100')	
	2mm x 50mm x 30m (1/12" x 2" x 100')	
	3mm x 50mm x 30m (1/8" x 2" x 100')	
Specification	2mm x 60 mm x 30m (1/12" x 12/5" x 100')	
(T x W x L)	3mm x 60 mm x 30m (1/8" x 12/5" x 100')	
	2mm x 75 mm x 30m (1/12" x 3" x 100')	
	3mm x 75 mm x 30m (1/8" x 3" x 100')	
	2mm x 80 mm x 30m (1/12" x 16/5" x 100')	
	3mm x 80 mm x 30m (1/8" x 16/5" x 100')	
	2mm x 100 mm x 30m (1/12" x 4" x 100')	
	3mm x 100 mm x 30m (1/8" x 4" x 100')	
	2mm x 150 mm x 30m (1/12" x 6" x 100')	
	3mm x 150 mm x 30m (1/8" x 6" x 100')	

CCEWOOL® Ceramic Fiber Rope



Temperature Grade: 1260°C (2300°F)
CCEWOOL® Ceramic Fiber Rope is a series of dense and resilient refractory ceramic fiber materials made from high-quality refractory ceramic fiber cotton as raw material, combined with lightweight yarn and woven through a special process. Depending on different temperature requirements and applications, it may include reinforced materials like glass filament or heat-resistant alloy steel wire. It is widely used in various high-temperature gasket, packing, and sealing applications, particularly suitable for

high-temperature and high-pressure mechanical sealing in pumps and valves. CCEWOOL® Ceramic Fiber Rope boasts excellent chemical stability, with the ability to resist most corrosive agents, as well as oxidation and reduction. Even if it gets wet with water or steam, its thermal and physical properties fully recover after drying.

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:

Furnace doors insulation and seals
Expansion joint filling in furnace and boiler
Coke oven door seals
High temperature gasket and packing
Radiant tube packing heat treatment furnace
Packed between steel bar and tube to avoid leakage of melting liquid

CCEWOOL® Ceramic Fiber Rope			
Classification Temperature	1260 (2300°F)		
(℃)			



CCEWOOL Thermomax Inc.

salesusa@ccewool.comwww.ccewool.com

Name	Glass Filament Reinforced Rope	Inconel Wire Reinforced Rope
Density (kg/m3)	550	
Long-term Operation Temp	550	1050
Water Content	≤2	
Organic Content (%)	≤15	
Shrinkage at 982℃ (%)	-1	
Size (diameter) (mm)	6-120 (1/4"-24/5")	
Packing of ceramic rope	Braided Bag/ Carton	