

## CCEWOOL Bio Soluble Fiber Cloth



Temperature Grade: 1200°C (2192°F)

CCEWOOL Bio Soluble Fiber Cloth is woven cloth-shape high temperature products composed of soluble fibers, suitable for 1200C high temperature application. Each soluble yarn is reinforced with glass filament or stainless steel wire. A few binders will be burnt at a low temperature, thus it won't affect the insulation effect.

### Characteristics:

New type of low-carbon, environmental friendly and energy-saving product, no pollution or carcinogenic material was included;

Good thermal stability, unaffected by thermal shock;

Block infra-red radiation, good corrosion resistance;

Good fiber flexibility;

Biodegradable, industrial wastes of this product do not need to be dealt with.

### Application:

Expansion joints, protective blanket / curtains, welding blankets, heat shields, gaskets, pipes and cables and packaging. Widely used in welding, casting and aluminum plant, steel mills, boiler insulation and sealing, exhaust system, shipyards, refineries, power plants and chemical plants.

### TDS

CCEWOOL Bio Soluble Fiber Cloth		
Reinforcement	Glass Fiber	Stainless Steel
Continuous Temperature Use Limit (°C )	650	1000
Color	Light Bluish	
Density (kg/m <sup>3</sup> )	500	
Organic Content (%)	≤18	

## CCEWOOL Bio Soluble Fiber Rope



Temperature Grade: 1200°C (2192°F)

CCEWOOL Bio soluble fiber rope includes twisted rope, square rope and round rope, which is woven rope-shape high temperature products composed of unidirectional soluble fibers, suitable for 1200C high temperature application. Each soluble yarn is reinforced with glass filament or stainless steel wire to reinforce the tensile strength of ropes. A few binders will be burnt in a low temperature, thus it won't affect the insulation effect.

### Characteristics:

New type of low-carbon, environmental friendly and energy-saving product, no pollution or carcinogenic material was included;

Good thermal stability, unaffected by thermal shock;

Block infra-red radiation, good corrosion resistance;

Good fiber flexibility;

Biogradable, industrial wastes do not have to deal with.

### Application:

Ovens, industrial furnaces, boilers, high-temperature expansion joints and cable sealing or filling material.

Widely used in welding, casting and manufacturing aluminum, steel mills, boiler insulation and sealing, exhaust system, shipyards, refineries, power plants and chemical plants, but also be used as a tadpole-shaped gasket core. Three kinds of rope are each suitable for different application. Twisted rope is soft, square braided rope and round braided rope are tight and strong.

### TDS

CCEWOOL Bio Soluble Fiber Rope				
Classification	Round Braided Rope	Square Braided Rope	Twisted Rope	Woolen Rope

Reinforcement	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel	Glass Fiber
Continuous Temperature Use Limit (°C )	650	1000	650	1000	650	1000	650
Color	Light Bluish		Light Bluish		Light Bluish		Light Bluish
Density (kg/m <sup>3</sup> )	550-600		550-600		550-600		550-600
Organic Content (%)	≤18		≤18		≤18		≤18

## CCEWOOL Bio Soluble Fiber Tape



Temperature Grade: 1200°C (2192°F)

CCEWOOL Bio Soluble Fiber Tape is woven tape-shape high temperature products composed of superior soluble fibers, suitable for 1000C high temperature application. Each soluble yarn is reinforced with glass filament or stainless steel wire. A few binders will be burnt in a low temperature, thus it won't affect the insulation effect.

### Characteristics:

New type of low-carbon, environmental friendly and energy-saving product, no pollution or carcinogenic material was included;

Good thermal stability, unaffected by thermal shock;

Block infra-red radiation, good corrosion resistance;

Good fiber flexibility;

Biogradable, industrial wastes do not have to deal with.

### Application:

Expansion joints, protective blanket / curtains, welding blankets, heat shields, gaskets, pipes and cables and

packaging. Widely used in welding, casting and aluminum plant, steel mills, boiler insulation and sealing, exhaust system, shipyards, refineries, power plants and chemical plants.

**TDS**

<b>CCEWOOL Bio Soluble Fiber Tape</b>		
Reinforcement	Glass Fiber	Stainless Steel
Continuous Temperature Use Limit (°C )	650	1000
Color	Light Bluish	
Density (kg/m <sup>3</sup> )	550-600	
Organic Content (%)	≤18	

**CCEWOOL Bio Soluble Fiber Yarn**



Temperature Grade: 1200°C (2192°F)

CCEWOOL Bio soluble fiber yarn is yarn-shape high-temperature products which composed of soluble fibers blended with certain percentage organic bulk, reinforced with fiberglass or stainless steel wire.

**Characteristics:**

New type of low-carbon, environmental friendly and energy-saving product, no pollution or carcinogenic material was included;

Good thermal stability, unaffected by thermal shock;

Block infra-red radiation, good corrosion resistance;

Good fiber flexibility;

Biodegradable, industrial wastes do not have to deal with.

**Application:**

Stitching fireproof cloth/tape/rope.

**TDS**

<b>CCEWOOL Bio Soluble Fiber Yarn</b>		
Reinforcement	Glass Fiber	Stainless Steel
Continuous Temperature Use Limit (°C )	650	1000
Color	Light Bluish	
Density (kg/m <sup>3</sup> )	-	
Organic Content (%)	≤18	