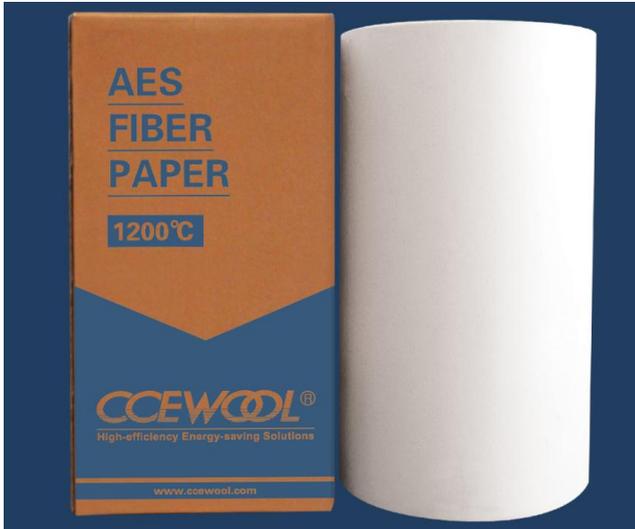


## CCEWOOL® Low Biopersistent Fiber Paper



Temperature Grade: 1200°C (2192°F)

CCEWOOL® Low Biopersistent Fiber Paper is made from alkaline-earth silicate fibers primarily composed of SiO<sub>2</sub>, MgO, and CaO, blended with specific organic binders. This soluble fiber product is an innovative solution for high-temperature applications. With its unique calcium-magnesium chemical composition, it meets the requirements of applications up to 1200°C (2192°F) while also

demonstrating significant solubility and environmental-friendly characteristics. We offer soluble fiber paper in thicknesses ranging from 0.5 to 12mm. The product's safe operating temperature reaches up to 1200°C.

### Characteristics:

- Low bio-persistence fibre;
- Excellent thermal insulating performance;
- Thin, flexible high-temperature insulation;
- Immune to thermal shock;
- Low heat storage;
- Easily die-cut to form complex shapes for high-temperature gasketing;
- Excellent tensile strength;
- Low thermal conductivity;
- Non-wetting to molten aluminium.

### Application:

- High temperature gasket and sealing in various application;
- Fire proof;



Fireproof doors;

Expansion joints ;

Fireplace converter gasket;

Gasket between Aluminum and zinc washer

- High temperature gaskets

- Metal lining;

Melting and holding furnaces refractory backing;

**TDS**

<b>CCEWOOL® Low Biopersistent Fiber Paper</b>	
Classification temperature	1200°C(2192°F)
Density, Kg/m <sup>3</sup>	190-210
Operation temperature	1000°C (1832°F)
Melting point	>1300°C (2372°F)
Tensile strength(Kpa)	>250
Loss on ignition (wt%)	9
Permanent Linear shrinkage, % ENV(1094-1)	
After 24 hours @1000°C	1.5
Thermal conductivity (%)	
400°C	0.1
600°C	0.16
800°C	0.22
Chemical composition (%)	
SiO <sub>2</sub>	65-68
CaO+MgO	27-33

	others	<=3%
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	

