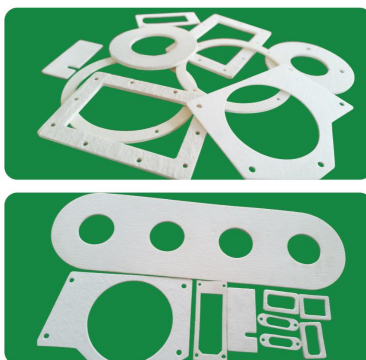


CCEWOOL® Ceramic Fiber Gasket for Fabrication



Classification Temperature: 1260°C (2300°F), 1400°C (2550°F), 1430°C (2600°F)

Chemical Composition: Alumina, Silica, (Zirconia)

CCEWOOL® Ceramic Fiber Gasket for Fabrication is a customized ceramic fiber product developed for

high-temperature sealing, thermal insulation cushioning, and structural isolation. It is made from high-purity ceramic fiber with a small amount of selected binder and processed through a nine-stage fine shot-removal process, resulting in uniform fiber distribution, low shot content, stable thermal insulation performance, and good structural integrity at elevated temperatures.

The product is not simply cut from standard board or paper materials. It is developed specifically for Fabrication applications requiring higher dimensional accuracy, shape matching, and installation stability. Using fully automated CNC cutting equipment, gaskets can be customized according to customer drawings in different sizes, thicknesses, and complex shapes, with clean, burr-free edges for better fitting around flanges, joints, molds, and other irregular high-temperature sealing areas.

CCEWOOL® Ceramic Fiber Gasket for Fabrication combines good flexibility, mechanical integrity, and conformability. It is resistant to brittleness and cracking while maintaining adequate strength, and can be used for multilayer structures, die-cut components, and custom sealing designs. Compared with on-site cutting of standard materials, it helps reduce assembly errors, improve installation efficiency, and enhance the consistency and reliability of high-temperature sealing systems.

In practical applications, CCEWOOL® Ceramic Fiber Gasket for Fabrication is widely used for casting gaskets, mold release separation, high-temperature sealing, and thermal insulation cushioning. It helps protect furnace linings and molds, reduce thermal damage and adhesion, and improve equipment reliability and service life.

Characteristics:

Excellent processing performance;

High-temperature sealing performance;

Good dimensional stability;

Low heat capacity;

Low thermal conductivity;

Excellent electrical insulation;

High strength and tear resistance;

High flexibility.

Applications:

Furnace door and flange sealing for industrial heating, annealing, and normalizing furnaces;

High-temperature sealing for burners and pipeline connections in steel and non-ferrous metal industries;

Mold separation gaskets and molten-material penetration barriers in glass and ceramic applications;

Thermal insulation and sealing for electric furnaces and electric heating equipment;

Replaceable sealing gaskets for high-temperature equipment maintenance and repair.

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CCEWOOL® Ceramic Fiber Gasket for Fabrication			
Item	1260S	1400	1430HZ
Operation Temperature	1050°C(1922°F)	1200°C(2192°F)	1350°C(2462°F)
Density (kg/m ³)	180-200		
Tensile Strength (PSI)	58	94	136
Linear Shrinkage (%)			
1000C,24hrs	2	-	-
1100C,24hrs	-	2	-
1200C,24hrs	-	-	2
Loss on ignition (%)	9	9	9
Chemical Composition (%)			
Al ₂ O ₃	42-47	52-55	39-40
Al ₂ O ₃ +SiO ₂	97	99	-
ZrO ₂	-	-	15-17

Fe ₂ O ₃	1	0.2	0.2
Na ₂ O+K ₂ O	0.5	0.2	0.2
Package	Inner Plastic Bag +Outer Carton		