

1260°C 1600°C Thermal Ceramic Blanket Insulation Aluminum Silicate Ceramic Fiber Blanket

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS1400/1500/1600
- Minimum Order Quantity: 50 Rolls
- Price: 10-15USD
- Packaging Details: Woven Bag or carton package
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 25000 Rolls Per Day ceramic fiber blanket



Product Specification

- Chemical Resistance: Resistant To Most Acids And Alkalis
- Color: White, Grey, Black, Etc.
- Durability: High Durability
- Flexibility: Excellent Flexibility
- Insulation: Excellent Insulation
- Lightweight: Lightweight
- Material: Ceramic Fiber
- Non-combustible: Non-combustible
- Shape: Various Shapes Available
- Size: Customized Size
- Sound Absorption: Good Sound Absorption
- Temperature Resistance: Up To 1260
- Thermal Conductivity: Low Thermal Conductivity
- Thermal Shock Resistance: Excellent Thermal Shock Resistance
- Highlight: **1600°C Thermal Ceramic Blanket Insulation,**

Product Description

Description of Ceramic Fiber Blanket:

Ceramic fiber blanket has regular size, integrates the functions of fire resistance, heat insulation and heat preservation. It does not contain any binder and has excellent chemical stability. It is widely used in the fields of fire resistance, heat insulation and heat preservation in various industries.

Features of Ceramic Fiber blanket:

1. High tensile strength
2. Low thermal conductivity and heat storage
3. Excellent insulating performance
4. Excellent chemical stability

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5. Excellent resistance to shock.
6. Good sound absorption

Applications of of Ceramic Fiber blanket:

1.Steel Industry:

Heat treatment and annealing furnaces
Furnace door linings and seals
Furnace hot face repairs
Reheating furnace and ladle covers

2.Refining and Petrochemical:

Reformer and pyrolysis lining
Tube seals, gaskets and expansion joints
High temperature pipe, duct and turbine insulation
Crude oil heater linings

3.Power Generation:

Boiler Insulation
Boiler doors
Reusable turbine covers
Expansion seals/pipe coverings

4.Others:

Insulation of commercial dryers and ovens
Veneer over existing refractory
Stress relieving insulation
Glass furnace crown insulation
Fire protection

Technical Parameter of Ceramic Fiber Blanket:

Classification temperature	1140	1260		1400	
Grade	XT114	XT126-A	XT126-B	XT140-A	
Permanent linear change % ×24h	≤-3 950	≤-3 1000	≤-3 1100	≤-3 1200	
Thermal Conductivity W/(m·K)500	≤0.153				
Tensile Strength MPa 25mm thickness	0.04	0.05		0.04	
Bulk density kg/m ³	64/96/128/160				
Al ₂ O ₃ %	≥44	≥45	≥45	≥52	
SiO ₂ %	≥52	≥52	≥54	≥46	
ZrO ₂ %	/	/	/	/	
Fe ₂ O ₃ %	≤1.0	≤0.8	≤0.2	≤0.2	
Al ₂ O ₃ +SiO ₂ %	≥96	≥97	≥99	≥99	
Al ₂ O ₃ +SiO ₂ +ZrO ₂ %	/	/	/	/	
Size	3600/7200×610×20/30/50				



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