



Ceramic Fiber Blanket

SUNRISE CERAMIC FIBRE BLANKET 1100°C back lining blanket is a lightweight, flexible, highly cost effective insulation blanket produced by Kaolin.

Characteristic:

- Needled blanket
- Non-combustible
- Low density and low thermal conductivity
- Shorter heat up and cool down time
- Resilience and resistance to thermal shock
- Flexible and easy to cut or install
- Consist of acoustic properties
- Contain no organic binder
- Asbestos free



Application:

- Refractory back-up installation
- Direct exposure to heat as furnace hot face lining
- Expansion joint seal
- General high temperature insulation
- Internal and external lining for industry furnace
- Glass furnace crown insulation
- Internal and external insulation of flue
- Mine survival cabin insulation
- Track train equipment insulation
- High-temperature filter media
- Joint sealing and filling insulation
- Expansion seals/pipe coverings
- Nuclear power and aerospace insulation
- Home Application insulation
- Fire Protection

Package: Carton. OEM package is available.



Physical and chemical index:

TY-CBT-1100 Blanket		
Classification temperature (°C)	1100	
Melting point (°C)	1760	
Colour	White	
Fiber diameter (u m)	2.8	
Fiber length (mm)	~250	
Linear shrinkage(%)	(900°C x 24 hr) 1.8	
Shot content (>0.212 mm) (%)	18	
Thermal conductivity Kcal/mh °C (W/mK) ,ASTM C201		
1000 blanket	96 kg/m ³	128 kg/m ³
mean 200°C	0.06	0.07
mean 400°C	0.12	0.09
mean 600 °C	0.17	0.15
mean 800°C	0.27	0.23
Chemical composition (%)		
Al ₂ O ₃	42.0 - 44.0	
SiO ₂	55.0 – 57.0	
ZrO ₂	-	
Cr ₂ O ₃	-	
Bulk density (Kg/m ³)	64 , 96 , 128	
Available size (mm/roll)	7200*610/1220*6,12.5,20,25,38; 3600*610/1220*38/50	