

### Soluble Fiber Blanket

#### Description

INSUL- SFBlanket is manufactured from a blend of calcium, silica and magnesium for industrial applications to withstand temperatures of up to 2300°F. SFBlanket is a flexible, light weight needed blanket which is used in a wide application including refractory back linings, thermal insulation.

#### Classifications

INSUL- SFBlanket HPS

#### Features

- Excellent tensile strength
- Low shrinkage
- Excellent resiliency
- Low thermal conductivity
- Low heat storage
- Good sound absorption

#### Applications

- Metallurgy
- Steel industry
- Ceramic
- Refining
- Power plant
- Glass

#### Specifications

- 1/2" x 24"/48" x 600"
- 1" x 24"/48" x 300"
- 1-1/2" x 24"/48" x 200"
- 2" x 24"/48"x 150"
- Other specification is available according to customer's requirement..



Classification	HPS
Classification Temp(°F)	2300
Density(lbs/ft <sup>3</sup> )	6/8
Color	White
Linear Shrinkage (%)	≤-2.5 (2012°F x 24hrs)
Thermal Conductivity (W/m.K,8lbs/ft <sup>3</sup> )	
932°F	≤0.14
Tensile Strength (Mpa)	≥0.04
Chemical Composition (%)	
SiO <sub>2</sub>	58 - 65
CaO	25 - 35
MgO	5 - 9
Fe <sub>2</sub> O <sub>3</sub>	≤0.20
Al <sub>2</sub> O <sub>3</sub>	≤0.35