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3R2750HT

BIOSOLUBLE BLANKET

Made of Superwool long fibers, these blanket exhibit outstanding insulating properties at elevated temperatures. They have excellent thermal stability and retain their original soft fibrous structure up to maximum continuous temperature use. They are needed on both sides and have a high tensile strength before and after heating. They do not contain binders nor lubricants and do not emit any fumes or smells during the first firing.



APPLICATIONS

This material is recommended for various applications such as :
furnace klins, reformer and boiler lining, laboratory ovens, furnace door lining and seals, stress - relieving blankets, expansion joints , high temperature gasketing and fire protection.

SPECIFICATIONS

Technical Data

Color	White
Continuous Temperature	1150°C (2102°F)
Temperature short time	1300°C (2372°F)
Density lbs/ft³ (kg/m³)	6 (96) and 8 (128)
Thickness, in. (mm)	1/4" to 2" (6.25 - 50)

Chemical Analysis

Silica, SiO₂	70-80
Calcium Oxide and magesium oxide, CaO +MgO	18-25
Others oxides	< 3
Thermal conductivity, BTU in/hr ft² °F (w/m.k) (ASTM C201)	

260°C (500°F)

• (8 lbs/pi³)

0.41

538°C (1000°F)

• (8 lbs/pi³)

0.85

816°C (1500°F)

• (8lbs/pi³)

1.57

1093°C (2000°F)

• (8 lbs/pi³)

2.54

N.B. The information, details and values indicated are to the best of our know ledge. We recommend to conduct tests according to local conditions. The data is subject to some variations w ithout notice.