



industries3r.com

Danville office

Industries 3R inc.
55, Road 116 West
Danville (Quebec)
Canada J0A 1A0

Telephone: (819) 839-2793
Fax: (819) 839-2797
Toll-free: (800) 567-2728
Email: info@industries3r.com

Montreal office

Industries 3R inc.
1479, Begin street
Ville St-Laurent (Quebec)
Canada H4R 1V8

Telephone: (514) 333-3971
Fax: (514) 333-7224
Email: info@industries3r.com

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 kilns, 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
Temperature	1050°C (1920°F), Short time: 1325°C (2400°F)
Density lbs/ft³ (kg/m³)	6 (96) and 8 (128)
Thickness	1/4" to 2"
Composition	SiO₂: 62-68%, CaO : 26-32%, MgO: 3-7%, Other: 1%
Thermal conductivity, BTU in/hr ft² °F (w/m.k) (ASTM C201)	
260°C (500°F)	
• 8 lbs/pi ³	0.41
538°C (1000°F)	
• 8 lbs/pi ³	0.85
816°C (1500°F)	
• 8lbs/pi ³	1.57
1093°C (2000°F)	
• 8 lbs/pi ³	2.54

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.