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FIBERGLASS

3R1650



Description

The 3R1650 paper is made from an electrical grade glass fiber. It withstands humidity and is flame resistant. It provides similar thermal performance to woven glass at a fraction of the cost.

Applications

- Die cut and used as seals in furnace applications.
- Thermal protection.
- Insulation for outlet pipes in stoves.
- Can be laminated to a foil for enhanced thermal performance

Specifications

Technical Data

Temperature	650°C (1200°F)
Thickness	0.125"
Density	8.1lb/ft ³ (0.14g/cc)
Tensile Strength	Machine direction: 45lb/in, Cross direction: 50lb/in
Thermal Conductivity (btu-in/hr-ft ² -°F) (W/m-°C) 75°C (167°F)	0.44 (0.31)
Thermal Conductivity (btu-in/hr-ft ² -°F) (W/m-°C) 260°C (500°F)	0.051(0.35)
Thermal Conductivity (btu-in/hr-ft ² -°F) (W/m-°C) 345°C (650°F)	0.060 (0.42)

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.