

SuperMag EVO 2200

Low Biopersistence Fiber Blanket



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NUTEC's new product, **SuperMag EVO 2200** is an enhanced low biopersistent fiber blanket, delivering outstanding properties, with a temperature rating of **2200°F** (1200°C).

SuperMag EVO 2200 has better physical and thermal properties than **SuperMag HI 2200** and **SuperMag 2200**.

- Made with high quality raw materials that provide improved insulation properties in high temperature applications
- More robust fiber resulting in better resilience and mechanical properties
- Lower shrinkage
- Lower thermal conductivity

Thermal Conductivity Comparison



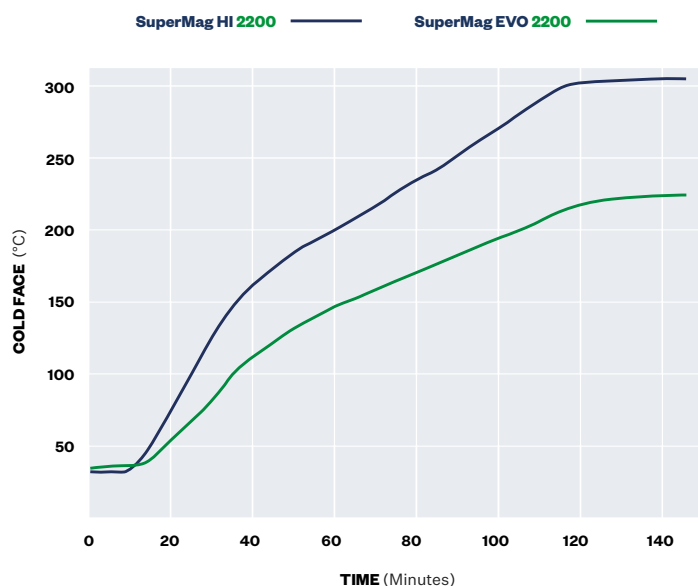
SuperMag EVO 2200 fiber has 13% lower thermal conductivity at 1742°F (800°C) compared to **SuperMag HI 2200**.*

*Density of 8 lb/ft³ (128 kg/m³)

SuperMag EVO 2200 provides energy savings while reducing emissions.

Thermal Performance: SuperMag EVO 2200 vs SuperMag HI 2200

Hot Face/Cold Face test was performed with a blanket panel of **SuperMag EVO 2200** and **SuperMag HI 2200** at a temperature of 2192°F (1200°C). Results below:



SuperMag EVO 2200 displays superior thermal performance compared to **SuperMag HI 2200**

Product Data Comparison

Physical Properties	SuperMag EVO 2200	SuperMag HI 2200
Maximum Use Temperature	2200 F° (1200°C)	2200 F° (1200°C)
Continuous Use Temperature	2012 F° (1100°C)	2012 F° (1100°C)
Typical Shrinkage at 2200°F / 1200°C, %	1.0	1.2
Average Fiber Diameter, microns	2.7	2.7
Tensile Strength, kPa/psi, 8# Blanket	75/10.5	59/8.5

Note:

- 20% lower shrinkage at 2200°F/1200°C
- Higher tensile strength

