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3R2970

CERAMIC PAPER

Produced from a mix of high purity fibers and organic binders, this paper is noted for its low thermal conductivity and good thermal insulation. It also is known for its excellent tensile strength and outstanding handling characteristics.



APPLICATIONS

The 3R2970 is an excellent backup for the refractory products and is an interesting material for fabricating expansion joints. Also, it is easily die cut to make high temperature seals in complex shapes.

SPECIFICATIONS

Physical properties

Color	White
Nominal density, pcf	10-12
Thickness, in.	1/32" to 1/4"
Fiber index, %	55
Melting point	1760°C (3200°F)
Maximum use limit	1260°C (2300°F)
Continuous use limit	1175°C (2145°F)
Thermal conductivity, BTU in/hr ft² °F (w/m.k) (ASTM C201)	
Mean temperature @500°F	0.38 (0.05)
Mean temperature @1000°F	0.61 (0.09)
Mean temperature @1500°F	0.94 (0.14)
Mean temperature @2000°F	1.40 (0.20)

N.B. The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.