



PRODUCT NEWS

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FIBERFRAX® CERAMIC FIBER PAPER

Description

Fiberfrax® Ceramic Fiber is a lightweight gasketing material possessing excellent thermal characteristics along with good mechanical features. Made from an Alumina-Silica combination, Fiberfrax® Ceramic Fiber Paper is ASBESTOS FREE. It combines the high heat resistance of refractory ceramics with the weight and resiliency of paper. Its continuous use limit ranges from 1300°F to 2300°F, depending on the grade.

Typical Properties

Thermal	General
High temperature stability	Light weight
Low thermal conductivity	Resilient
Low heat storage	Good dielectric strength
Thermal shock resistance	Excellent corrosion resistance
High heat reflectance	Cuts cleanly

General Characteristics

Fiberfrax® Ceramic Fiber Paper is completely free of asbestos and is designed to replace asbestos-type materials. It is easy to handle, and can be die-cut to fit nearly any configuration. It has low shrinkage and good dielectric properties. Its highly uniform structure assures equal thermal conductivity throughout and provides a smooth surface, making it ideal for gasketing operations.

Chemical Properties

Excellent chemical stability, resisting attack from most corrosive agents. Exceptions are hydrofluoric and phosphoric acids, and concentrated alkalis. Also resists oxidation and reduction. If wet by water, steam or oil, thermal and physical properties are almost completely restored upon drying.

CERAMIC FIBER PAPER GRADES

550 PAPER

High purity Alumina-Silica combination. Provides a continuous temperature use limit of 2300°F.

Available thicknesses:	Nominal	Actual
	1/16"	.040"
	1/8"	.080"

440 PAPER

Lower cost ceramic fiber paper. Ideal replacement for asbestos paper where the temperature does not exceed 1300°F. Organic binder of 10-11% provides greater handling strength.

Available thicknesses:	Nominal	Actual
	1/16"	.040"
	3/32"	.064"
	1/8"	.080"

110 PAPER

More mechanical stiffness, hardness, strength, and flexibility, least compressible, remarkably similar to asbestos millboard. Can be used in applications up to 1900°F.

Available thicknesses:	Nominal	Actual
	1/16"	.050"
	1/8"	.100"

970 PAPER

Exceptionally low thermal conductivity and good handling properties. High temperature limit of 2300°F.

Available thicknesses:	Nominal	Actual
	1/64"	.010"
	1/32"	.020"
	1/16"	.050"
	1/8"	.100"

We will be pleased to recommend the specific grade to fit your requirements. Send us your prints or specifications for prompt quotations.