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

<table>
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<th>Thermal</th>
<th>General</th>
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<tr>
<td>High temperature stability</td>
<td>Light weight</td>
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<tr>
<td>Low thermal conductivity</td>
<td>Resilient</td>
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<td>Low heat storage</td>
<td>Good dielectric strength</td>
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<td>Thermal shock resistance</td>
<td>Excellent corrosion resistance</td>
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<tr>
<td>High heat reflectance</td>
<td>Cuts cleanly</td>
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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 alkalies. 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.

FIBERFRAX® IS A TRADEMARK OF CARBORUNDUM