



PYRO SHIELD, INC.

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PROTECT YOUR INVESTMENT
Pyro Shield Heat Barrier Solutions

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1800 SILICA DATA SHEET

About the Product

Pyro Shield's 1800 silica fabric is a woven, continuous, filament, amorphous silica fabric featuring a property of tan coating. The vermiculite coating adds increased abrasion and high temperature resistance in the silica. Applications include pad fabrics, valve covers, curtain materials, and damage control cloth. This material is resistant to most chemicals and offers good thermal protection to temperatures up to 1,800°F.

Product Info

Weave: Satin

Coating: Vermiculite

Color: Tan

Thickness (in): 0.028 in +/- 0.002 in

Weight: (oz / yd²): 18 oz / yd² +/- 10%

Melting Temperature: 3,000°F

Tensile Strength (lb / in): Warp: 560 lb / in

Weft: 350 lb in

Content of Main Components:

SiO₂: 95.0% +/- 1.0%

Width (in): 70.9 in + 0.8 in / - 0.4 in

Temperature Resistance: 1,800°F

All statements are expressed opinion which we believe to be accurate, reliable, and presented without guarantee or responsibility on our part. The data presented above consists of typical properties and should not be used in preparing specifications. No warranties are expressed or implied and users should test this material thoroughly for their specific application.

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