



# PYRO SHIELD, INC.

Insulation, Fabrication and Warehouse • FREE Local Delivery

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Pyro Shield Heat Barrier Solutions

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## PS-HB-32 HERRINGBONE DATA SHEET

### About the Product

Pyro Shield's PS-HB-32 is a broken twill, high temperature, silica fabric with a melting point of 3,000°F while capable of handling intermittent and continuous temperatures up to 1,900°F. This unique broken twill weave construction improves handling properties over the conventional satin weave construction. This material is ideal for making textiled fabricated parts for high temperature welding and industrial applications. The PS-HB-32 is also treated with a proprietary surface finish to further improve handling and thermal properties. Typical fabricated parts consist of welding curtains and drop cloths, stress relief blankets, tube seals, protective screens and covers, thermal pads, furnace curtains, insulation mats, and cable tray wraps.

### Product Info

Color: Tan	Weave: Broken twill	Coating: Vermiculite
Weight: (oz / yd <sup>2</sup> ): 32 oz / yd <sup>2</sup>		Thickness (in): 0.045 in
Roll Length: 50 yd		Roll Width: 60 in
Melting Temperature: 3,000°F Continuous: 1,900°F		Content of Main Components: SiO <sub>2</sub> : >95%
Thread Count: (in): Warp: 45.7 in +/- 2.5 in Weft: 25.4 in +/- 2.5 in		Tensile Strength (lbs): Warp: 610 lbs Weft: 346 lbs

Silica fabrics are amorphous silica textiles and contain no asbestos or ceramic fibers

A proprietary surface is applied for improved handling at low temperatures.

\*\*\*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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