



PYRO SHIELD, INC.

Insulation, Fabrication and Warehouse • FREE Local Delivery

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PROTECT YOUR INVESTMENT
Pyro Shield Heat Barrier Solutions

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PS-2025AL DATA SHEET

About the Product

Pyro Shield's aluminized fiberglass is a plain weave fiberglass fabric with aluminum foil laminated on one side. The aluminum foil provides a barrier to liquids such as water and oil and also acts as a vapor retarder to moisture. This material meets Military Specification MIL-C-20079, Type 1, Class 10.

The major applications for this product include flange shields and reflective curtains or shields.

Product Info

Fabric: Plain weave fiberglass

Color: One side aluminized, one side tan

Coating: Aluminized coating on one side

Weight: 19.5 oz / y² +/- 10 % oz / yd²

Thickness: 0.026 in +/- 10% in

Temperature Resistance: Service Temperature = 300°F - 350°F (aluminized face)

Base Cloth Temperature Resistance: 1,000°F

Burst Strength: 550 psi

Base Fabric 100% Fiberglass

Tear Strength: WARP 50 lbs

FILL: 50 lbs

Tensile Strength: WARP: 250 lbs / in

FILL: 250 lbs / in

Flame Resistance: Flame Out - 1 second max

Afterglow - 1 second max

Char Length - 1 inch max

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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