LEADERS IN HIGH PERFORMANCE TEXTILES FOR THERMAL PROTECTION

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AVS FIBERGLASS ALUMF2025HTH

Product Description

AVS Fiberglass ALUMF2025HTH is a plain weave fiberglass cloth with 0.001 inch thick aluminum foil laminated to one side using a high performance adhesive that has excellent high-temperature, chemical, and moisture resistance.

Application

AVS Fiberglass ALUMF2025HTH is typically used as a liner material in removable insulation pads, vapor shields and flange shields. Recommended for less severe applications requiring heat reflectivity and molten metal splash resistance. Typical industries include safety garment industry, steel, aluminum, copper and other basic metals groups, construction, chemical processing plants, petroleum refineries, automotive industry, and maritime.

Features

- Resistant to UV, water, oil, and most chemicals
- Low smoking when exposed to high temperatures
- Nominal roll width is 58 inches (147.32 cm)
- Standard roll length of 50 yards (45.7 meters)

Technical Data Properties	**ALUMF2025HTH**
Nominal Weight, oz./yd² (grams/m²)	21(712)
Nominal Thickness, in. (mm)	0.027 (0.68)
Base Fabric, E Fiberglass	Plain Weave
Nominal Construction, Ends/in.	20 Warp X 14 Fill
Tensile Strength, Minimum lbs./in.	200 Warp, 150 Fill
Service Temperature, °F (°C)	
Fabric	1,000 (538)
Foil	1,200 (649)
Adhesive	500 (260)

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the ALUMF 2025HTH. ALUMF 2025HTH will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of ALUMF 2025HTH in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the ALUMF 2025HTH for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by AVS Industries, LLC.

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