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AVS FIBERGLASS ALM1013

Product Description

AVS Fiberglass ALM1013 is a lightweight satin weave fiberglass cloth with 0.001 inch thick aluminum Mylar laminated to one side using a proprietary flame retardant adhesive. **ALM1013** has excellent heat reflective properties and can be used in **continuous heat applications up to 500°F.** The aluminized Mylar surface has good gas barrier properties and good chemical resistance except to alkalis.

Applications

ALM1013 is typically used as an outer liner material in removable insulation pads, protective sleeving, reflective curtains, vapor shields, and flange shields. Recommended for industrial applications requiring heat reflectivity, liquid and/or vapor resistance. Typical industries include steel, aluminum, copper and other basic metals groups, construction, chemical processing plants, petroleum refineries, automotive industry, and maritime.

Technical Data

PROPERTIES	AVS FIBERGLASS ALM1013
Nominal Weight, oz./yd²	13
Nominal Thickness, in.	0.013
Base Fabric, E Fiberglass	Style 7781 – 8H Satin
Nominal Construction, Ends/in.	57 Warp X 54 Fill
Nominal Width, in.	59
Tensile Strength, Minimum lbs./in.	350 Warp, 340 Fill
Maximum Service Temperature*, °F	
Aluminized Mylar	500
Adhesive	500

**** Based on maintaining flexibility, reflectivity, and strength properties of the aluminized fabric.***

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use ALM1013. Aluminized fiberglass fabric 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 ALM1013 aluminized fiberglass fabric in a particular application, please contact AVS Industries, LLC at (302) 221-1720. 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.