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AVS FIBERGLASS ALM2020

Product Description

AVS Fiberglass ALM2020 is a plain weave heat treated fiberglass cloth with 0.001 inch thick aluminum Mylar laminated to one side using a proprietary flame retardant adhesive that has excellent high-temperature, chemical, and moisture resistance. The base fabric has been heat treated to remove residue organic binders to improve product handling. A hydrocarbon coating has also been applied to the fabric prior to the Mylar lamination to further enhance the handling properties of the fabric. **ALM2020** has demonstrated excellent fabrication properties compared to conventional aluminized foil fiberglass fabrics.

Applications

ALM2020 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

	ALM2020
Nominal Weight, oz./yd ²	20
Nominal Thickness, in.	0.032
Base Fabric, E Fiberglass	Plain Weave 2025 Heat Treated
Nominal Construction, Ends/in.	20 Warp X 14 Fill
Nominal Width, in.	59
Tensile Strength, Minimum lbs./in.	200 Warp, 150 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 ALM2020. 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 ALM2020 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.