



F&J SPECIALTY PRODUCTS, INC.

The Nucleus of Quality Air Monitoring Programs

Grade: 5211

Acrylic Binder, Laminated Filter Media

General Description:

This laminated glass product is a high efficiency multi-purpose filter medium with good heat resistance. It is particularly recommended for both gas and liquid filtration in the medical field and for monitoring applications.

The base material consists of glass microfibers with 3-7% acrylic resin binder. The supporting scrim is a 0.5 oz/yd² Reemay, a high strength spun bonded polyester nonwoven. The scrim can be applied to either side depending on the filter design.

The scrim is bonded to the glass media using a polyester hot melt applied in a random spray pattern which has a melting point of 325 degrees F.

Micron Rating	1-2 μm
Basis Weight	51 - 54 lbs/3,000 ft ²
Caliper Thickness	0.013 – 0.015 inches – 4 psi
Mean Pore Size	3.3 μm
DOP Smoke Penetration	0.015 % at 0.3 μm @ 10.5 ft/minute
Air Flow Resistance	36 - 38 mm H ₂ O @ 10.5 ft/minute
Tensile Strength MD	6.0 lbs / inches
Tensile Strength DC	—
Dry Elongation MD	—
Dry Elongation CD	—
Frazier Permeability	N/A (ft ³ / min / ft ² @ 0.5 in H ₂ O W.G.)
Gurely Stiffness	—
Water Repellency	—
Ingition Loss	—

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