NOISE CONTROL SPECIALIST

Interior Acoustical Blankets

Description

Our Interior Acoustical Blankets are available as fiberglass filled absorption blankets or combination sound blocking/absorption blankets with a fiberglass/barrier composite fill. The outer layer is a vinyl acoustical material that is used to reduce reverberant airborne noise as well as block transmitted airborne noise.

The blankets are an extremely versatile option and can be manufactured as walls, enclosures, baffles, or wall panels making them the perfect solution to noise issues found in industrial manufacturing facilities, compressors and generators, chillers, HVAC Equipment, or many other applications where noise is an issue and budget is a concern.

Specifications and Physical Properties

Fiberglass Batting
Form: Fiber diameter 4-6 microns
Resin Binder: Thermo setting phenolic, 3-5%content by weight
Density: 2 lb. pcf (9.8 kg/m2) (nominal)
Thermal Conductivity: K=.25 (BTU in./°F x sq. ft. x hr.) @ 75°F mean. (44.3 cal/in. x °C x sq. cm x hr. @ 24°C mean)

Performance

Our blankets are available in many thicknesses and configurations with varying dgrees of STC and NRC ratings.

Please contact our Technical Sales Experts for detailed preformance specifications and to discuss your specific requirements.

Quilting Thread

Polyester - per Fed. Spec. V-T-2850

Facing

Product Properties	Test Method	Results
Base Fabric	NA	9 x 9 1000D Polyester
Weight	5041	14 oz. PSY
Embossing	NA	Leather
Tensile Strength	5100 (warp x fill)	200 x 200 lbs (+/- 20)
Tear Strength	5134 (warp x fill)	70 x 70 lbs (=/- 10)
Hydrostatic Resistance	5512	370 PSI
Flame Resistance	MVSS-302	warp x fill
After Flame	seconds	2 x 2
Char Length	inches	3.5 x 3.5

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