

PolyZorb™

Melt Blown Polypropylene Acoustical Blanket

Description

PolyZorb™ is a lightweight, high loft, synthetic fibrous insulation blanket designed to provide excellent acoustical and thermal performance. It is comprised of 100% polypropylene micro-fibers with a spunbond scrim surface for added strength and fiber protection.

Applications

PolyZorb™ is specifically designed to absorb sound and provide noise control. It is used in a variety of applications which require excellent acoustical efficiency in minimal space including appliances, appliance foam dams, office furniture, high-fidelity speakers and other acoustical applications.

Advantages

- Superior acoustical performance
- 100% recyclable
- Hydrophobic - prevents build-up of weight and odors
- Does not support fungi or bacterial growth
- Unaffected by oil or grease
- Non-linting
- No dust
- Supports clean, safe, friendly manufacturing environments
- High loft for excellent acoustical absorption at low weight
- Compatible with virtually all attachment methods including ultrasonic welding, heat staking and gluing



PolyZorb™ comes in widths up to 80" (2,032 mm). It has a spun bond polypropylene facing on both sides. Custom products between 6 and 20oz/yd² (20 and 60g/ft²) and up to 2" (51 mm) thick are available by special order.

AVAILABLE FORMS

Standard Sizes:

Product Designation	Weight g/ft ²
10L	20
12L	25
14L	30
16L	37
19L	45
25L	60

SPECIFICATIONS

Property	Test Method	PolyZorb
Temperature Limit	–	Up to 250°F (121°C)
Thermal Conductivity: "k" @ 75°F mean (24°C mean)*	ASTM C 518	0.24 Btu•in/hr•ft ² •°F ((0.036 W/(m•°C))
Flammability	UL 94 HB ASTM D 635	Pass
Fungus Resistance	ASTM G 21 ASTM G 22	Pass
Moisture Resistance	ASTM C 1104	< 1% by weight

*Based on measurements for 19L materials.