

AutoZorb® II

Polypropylene Fibrous Insulating Pad

Description

AutoZorb®II is a lightweight, high loft, high performance synthetic fibrous insulation blanket, designed to provide excellent acoustical and thermal protection. It is comprised of 100% polypropylene microfibers with a spunbond scrim surface for added strength and fiber protection.

Uses

AutoZorb®II is specifically designed for automotive interior thermal and acoustical applications, including doors, liftgates, instrument panels, pillars, package trays, truck liners, dashmats, speaker, headliners, and carpet areas. The high loft microfibers efficiently dissipate acoustic energy at a very low mass, providing an unparalleled combination of performance, cost and weight.



AVAILABLE FORMS	
Autozorb II Standard Sizes	
Product Designation	Weight g/ft ²
10L	20
12L	25
14L	30
16L	37
19L	45
25L	60

AutoZorb®II comes in widths up to 2032 mm (80 inches). The spunbond facing can be ordered in either white or black. Custom products between 20 and 60 g/ft² and up to 51mm (2 in.) thick are available by special order.

Operating Temperature Limit

Up to 250°F (121°C)



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Advantages

- Completely 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

PHYSICAL PROPERTIES		
Property	Test Method	AutoZorb II
Thermal Conductivity: "k" @ 75°F mean (24°C mean)*	ASTM C 518	0.24 Btu•in/hr•ft ² •°F ((0.035 W/(m°K))
Flammability	UL 94 HB ASTM D 635	Pass
Fungus Resistance	ASTM G 21 ASTM G 22	Pass
Moisture Resistance	ASTM C 1104	< 1%