

TECHNICAL FABRICS BY THE ROLL

SOUND DAMPENING AND NOISE CONTROL

NONWOVEN TECHNICAL FABRIC FOR SOUND ABSORPTION AND VIBRATION-

Noise pollution has negative effects on both people and the environment. Albarrie Nonwoven technical textiles provide effective solutions for sound absorption, diffusion, and vibration dampening.

KEY BENEFITS



EXCELLENT TENSILE STRENGTH

Albarrie's fabrics offer high tensile strength and resistance to abrasion.



HYDROPHOBIC

Won't absorb moisture or promote mold.



EXCELLENT OXIDATION RESISTANCE

Won't degrade with oxygen exposure.



ENHANCING USER EXPERIENCE

It is used to help reduce both Noise and Vibration due to its design and properties.

FEATURES

- Nonwoven technical textiles are used for filtering, diffusing, or absorbing noise in buildings, vehicles, machinery, and equipment.
- Architectural sound insulation is popular for its aesthetics and functional sound absorption properties.
- The performance of fabric is dependent on fiber properties and treatments.
- Polyester and PET offer excellent tensile strength and abrasion resistance.
- Polyester, Polyester Bicomponent, and Polypropylene fabrics are the most common sound absorbers.

OPTIONS

- Polyester Fabric
- Polyester Bicomponent
- Polypropylene
- Water Repellent Treatment (Just for polyester)
- Oil Repellent Treatment (Just for polyester)
- PTFE Finish (Just for polyester)
- Chemical Impregnation (Resin)
- ePTFE Membrane (Just for polyester)
- Heat Setting
- Anti-Static Treatment
- Fire Retardant (Just for polyester)

APPLICATIONS

- Acoustic Panels
- Ceiling Tiles
- Office Dividers
- Heavy Equipment Acoustic Insulation



**NONWOVEN
FABRIC PROPERTIES**

	Polyester & Polyester Bicomponent	Polypropylene
Tensile Strength	Excellent	Good
Abrasion Resistance	Good	Good
Acid Resistance	Moderate	Excellent
Alkali Resistance	Moderate	Excellent
Oxidation Resistance	Good	Moderate
Operating Temperature	300°F (150°C)	375°F (190 °C)
Temperature Surges	340°F (170°C)	210°F (100 °C)
Manufactured Weight Range	10 - 20 oz/yd ² (339.0 - 678.1 g/m ²)	10 - 18 oz/yd ² (335- 600 g/m ²)
Manufactured Thickness Range	0.05"- 0.07" (1.5 mm-2.0 mm)	0.07"-0.15" (1.9mm - 3.9mm)
Investment	\$\$	\$\$

"Unlock Your Style: Discover the Most Popular Styles and Customize To Make Them Your Own!"

PRODUCT GALLERY



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