TECHNICAL DATA SHEET
COMPOSITE MATERIAL

SOUNDCOAT

SOUNDFOAM ML G+ with ACOUSTIC FABRIC FACING

Complete composite assembly.

PRODUCT DESCRIPTION

Soundfoam ML G+ is a lightweight, flexible, open cell, melamine based acoustic quality foam with excellent flammability resistance. Compared with some glass fiber based acoustical products, Soundfoam ML G+ has better strength, lower compression set, and higher resilience.

The Engineered Acoustic Fabric Facing matches the flammability performance of Soundfoam ML G+ and adds a robust layer of durability and structural integrity. The increased airflow resistivity improves the acoustical absorption performance of the melamine.

In combination, the Soundfoam ML G+ with Acoustic Fabric Facing composite meets the demands of applications that require a high temperature, flammability rated, durable material with premium acoustical performance.

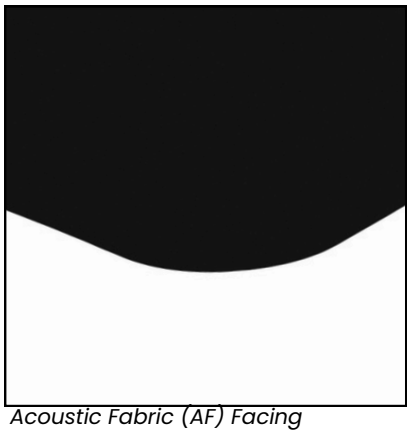
MARKETS

TYPICAL APPLICATIONS

- Trucks, buses, construction, mining, agriculture, military transport, and emergency vehicles
- Gensets, conveying systems, HVAC, compressed air
- Semiconductors, telecommunications equipment, EV charging stations and battery storage
- Industrial building spaces
- Medical equipment

FACING PHYSICAL PROPERTIES - ACOUSTIC FABRIC (AF)

Material Type	Non-woven polyester
Color	Black
Thickness	0.005"
Operating Temperature	-40 °C (-40°F) to 150°C (302°F)
Weight	68 g/m^2
Airflow Resistance	700-900 Rayls



Acoustic Fabric (AF) Facing

HQ | 1 Burt Drive | Deer Park, NY | 11729 | US
Phone: 631.242.2200 | Fax: 631.242.2246

West Coast Operations | 16901 Armstrong Ave | Irvine, CA | 92606 | US
Phone: 949.955.9202 | Fax: 949.222.0834

www.soundcoat.com | sales@soundcoat.com | 1.800.394.8913 | Follow The Soundcoat Company, Inc.

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FOAM PHYSICAL PROPERTIES - SOUNDFOAM ML G+

Material Type	Melamine foam
Color	Grey
Density	.56±.05 lb/ft^3
Operating Temperature	-43°C (-45°F) to 220°C (428°F) Continuous
Tensile Strength	15 PSI Min
Elongation	20%
Compression Set	<20%
Thermal Conductivity	0.25 BTU in./h ft^2 °F
Flame Resistance	UL94 HF-1 UL94 V0
Product Configuration	Available in sheets 48" x 96" and Spliced Rolls

Soundfoam ML G+

THE SOUNDCOAT PROMISE

We have one goal: to enhance the customer experience by providing world-class products manufactured under ISO 9001:2015 and AS9100:2016 standards in one of our modern manufacturing facilities strategically located on each coast.

All materials are tested and qualified in our acoustics and materials testing laboratory to ensure consistent quality and performance.

Soundcoat products are supplied, tested, and produced to your specifications.

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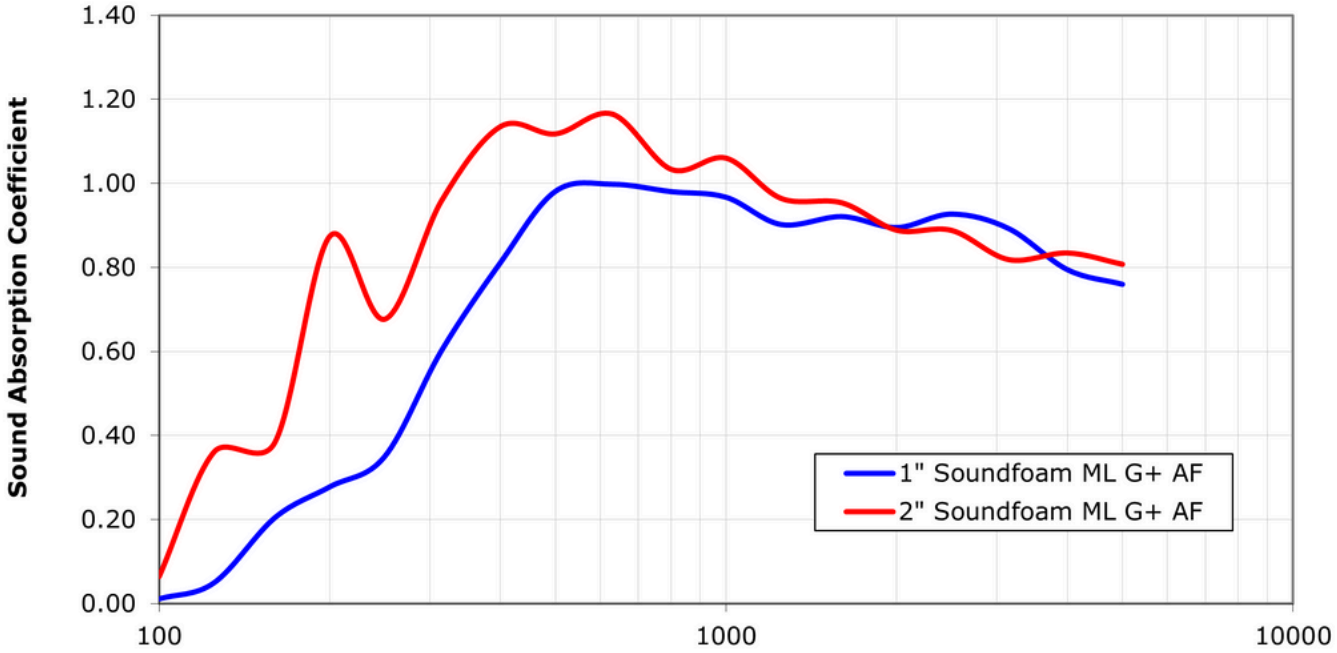
PERFORMANCE



ASTM C423 Random Incidence Absorption

Rev. date 10/30/2025

Visit soundcoat.com to see our complete line of absorption, barrier, damping, sealing, and thermal materials.

For further information on meeting specific requirements and for optimum product configuration, contact our Technical Support Department at 1-800-394-8913.

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