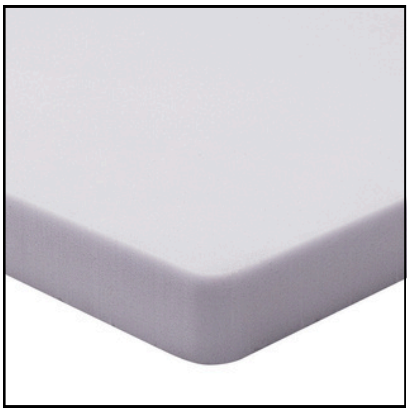
TECHNICAL DATA SHEET

SOUNDFOAM ML G+

SOUNDCOAT



PRODUCT DESCRIPTION

Soundfoam ML G+ is a lightweight, flexible, open cell, melamine based acoustic quality foam.

Soundfoam ML G+ has excellent flammability resistance. It does not drip upon ignition, ceases to burn after removal of source of ignition, and produces a minimal amount of smoke.

Compared with some glass fiber based acoustical products, Soundfoam ML G+ has better strength, lower compression set, and higher resilience.

MARKETS

TYPICAL APPLICATIONS

- Launch vehicles, satellites, engine power systems, planes, and helicopters
- 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

PHYSICAL PROPERTIES

Material Type	Melamine foam
Color	Gray
Density	.56±.05 lb/ft3
Operating Temperature	-43°C (-45°F) to 220°C (428°F)
Tensile Strength	15 PSI Min
Elongation	20%
Compression Set	<20%
Thermal Conductivity	0.25 BTU in./h ft2 °F
Flame Resistance	FAR 25.856(a) FAR 25.853(b) UL94 HF-1 UL94 V0 ASTM E84 Class A

PRODUCT CONFIGURATIONS

- Plain
- Protective surface treatments:
  - Heavy Mass Barrier
  - Kapton®
  - Nomex®
  - Nomex®/Tedlar®
  - PEEK
  - PEKK
  - Tedlar®
- Available with hydrophobic treatment for water & oil repellency. See Technical Data Sheet “Soundfoam ML HY G+”
- Available in custom die-cut parts, 48 x 96" sheets, and spliced rolls

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.

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
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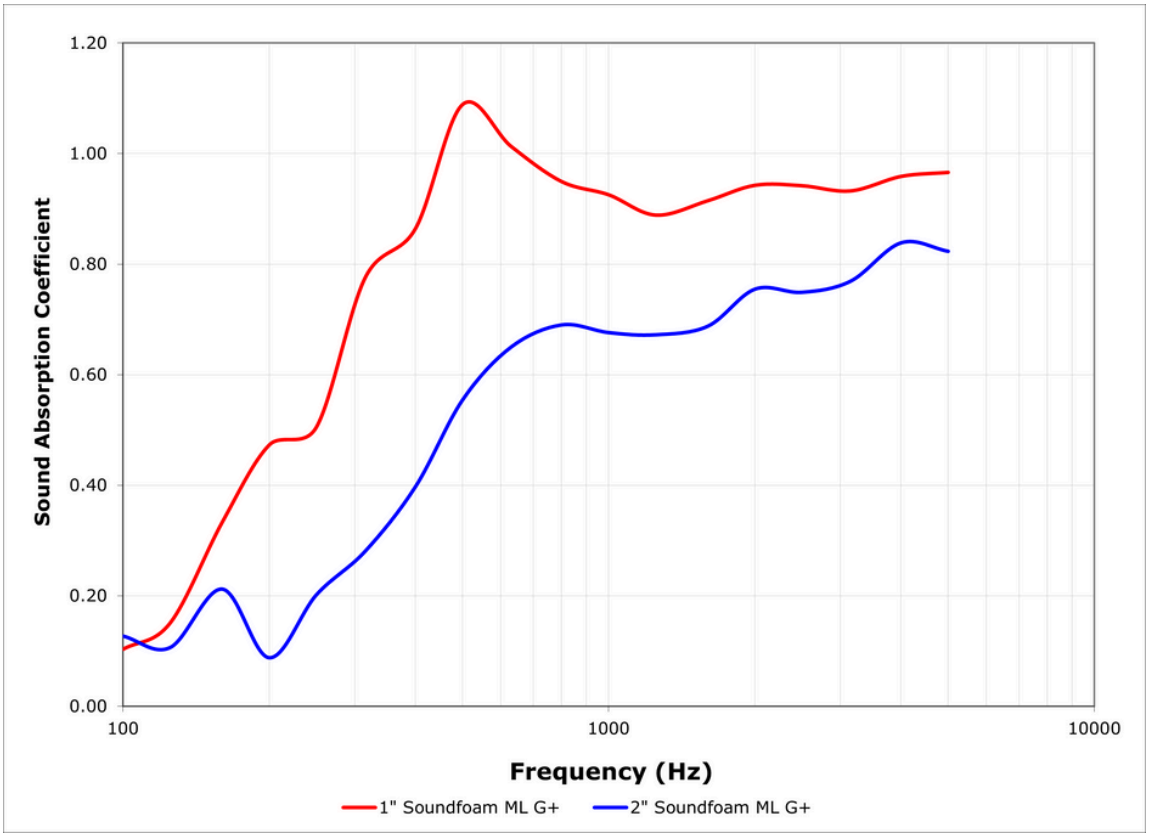
PERFORMANCE



Rev. date 8/30/2024

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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