TECHNICAL DATA SHEET

SOUNDFOAM ML UF+

SOUNDCOAT

PRODUCT DESCRIPTION

Soundfoam ML UF+ is a lightweight, flexible, open cell, melamine based acoustic quality foam. Soundfoam ML UF+ has excellent flammability resistance* and meets the requirements of ASTM E84 25/50 for HVAC use. 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 UF+ has better strength, lower compression set, and higher resilience.

Soundfoam ML UF+ is especially designed for use as acoustic or thermal insulation in HVAC and other applications where light weight, heat resistance, and fire safety are of utmost concern.

MARKETS

TYPICAL APPLICATIONS

- Gensets, conveying systems, HVAC, compressed air
- Industrial building spaces

PHYSICAL PROPERTIES

Material Type	Melamine foam
Color	Gray
Density	.44±.05 lb/ft3
Operating Temperature	-43°C (-45°F) to 220°C (428°F)
Tensile Strength	13 PSI Min
Elongation	20%
Compression Set	<20%
Thermal Conductivity	0.25 BTU in./h ft2 °F
Flame Resistance	FAR 25.853(b) UL94 HF-1 UL94 V0 ASTM E162 <25 ASTM E662 <50 ASTM E84 25/50

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 UF+”
- 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
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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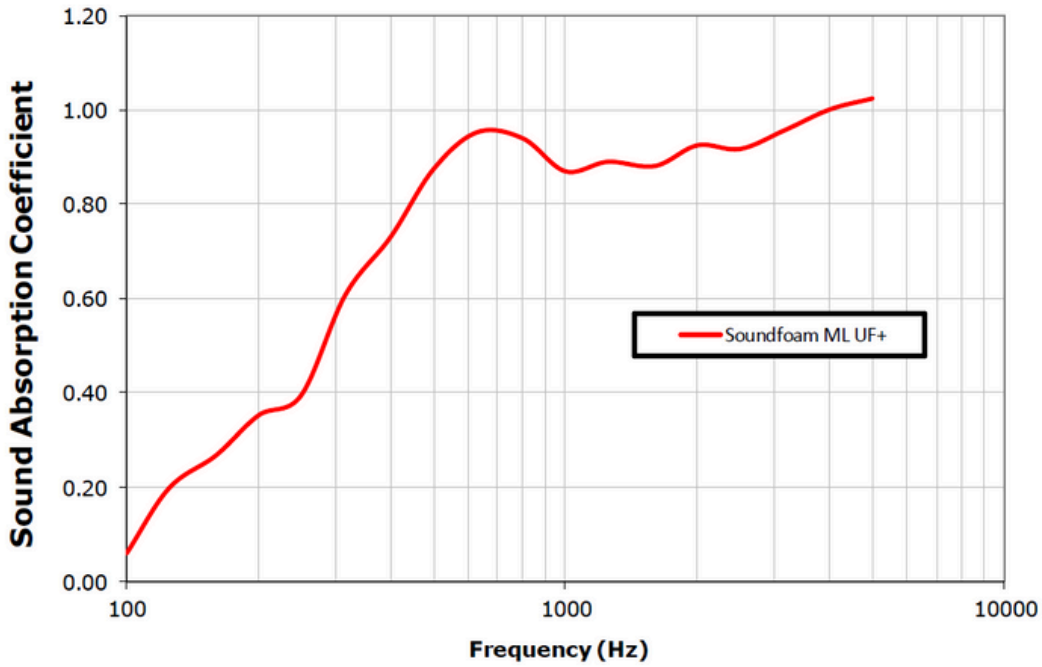
PERFORMANCE



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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