



PRODUCT DESCRIPTION

SOUNDFIBER AF UL is an engineered blend of polyester sound absorption materials designed to withstand high temperatures up to 150°C continuous. The vertically lapped lofted layer is laminated with a polyester nonwoven engineered facing to maximize the sound absorption qualities of the composite.

SOUNDFIBER AF UL is UL 94 HF-1 certified for applications requiring high flammability resistance. The polyester fibers are naturally hydrophobic resulting in a material that will not wick water and will dry nearly twice as fast as other acoustic materials such as open cell foams.

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

PHYSICAL PROPERTIES

Material Type	Polyester fiber with a black nonwoven facing
Color	Black/Gray
Weight	600 gsm standard at 1" (25 mm) 1200 gsm standard at 2" (50 mm)
Operating Temperature	up to 150°C (300°F)
Facing Weight	80 gsm
Available Thickness	1" (25 mm) to 2" (50 mm) standard Nonstandard sizes are available on request
Adhesive	3 mil acrylic standard, other options available
Thermal Conductivity	0.27 BTU in./h ft ² °F
Flame Resistance	MVSS-302 SAE J369 UL94 HF-1

MARKETS



PRODUCT CONFIGURATIONS

- Die-cut parts, rolls, and sheets.
- With and without pressure-sensitive adhesive.

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.



PERFORMANCE

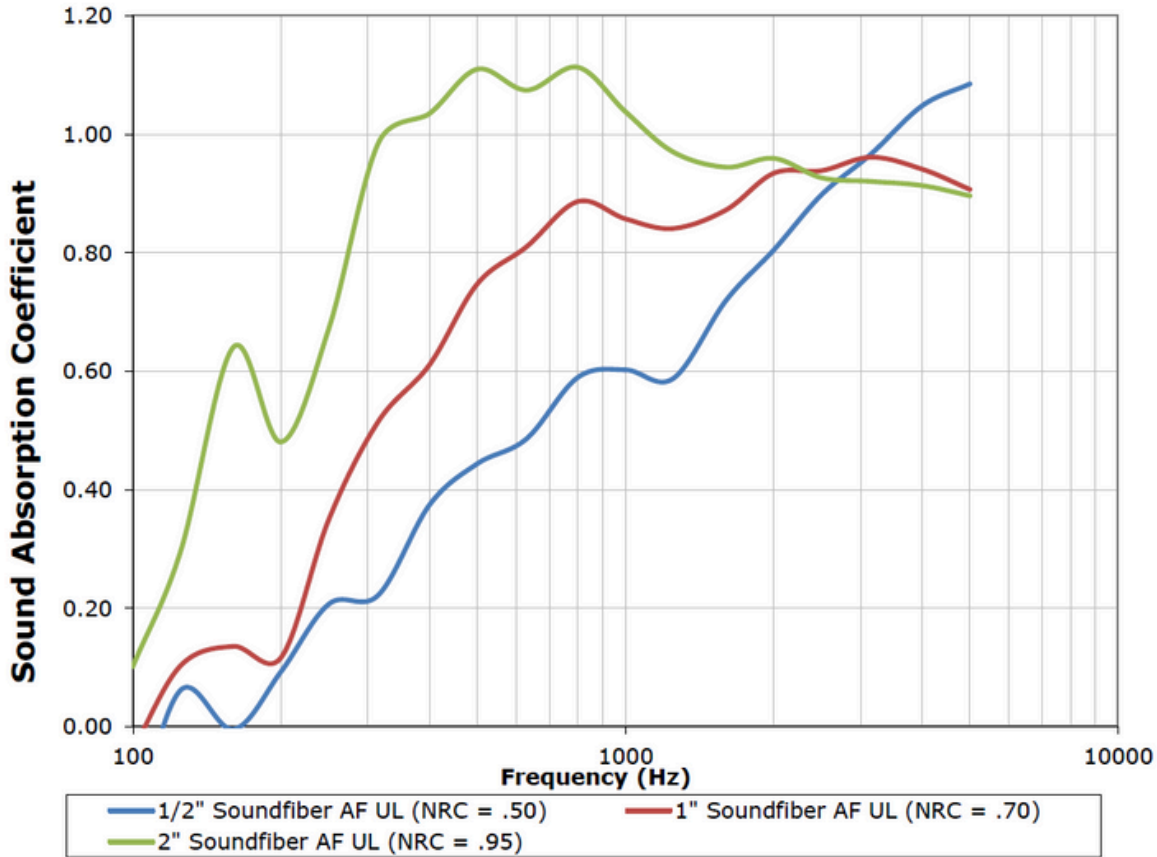


Figure 1 – ASTM C423 Random Incidence Absorption

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.

The information contained herein is based on laboratory test data developed by or for Soundcoat and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test this product to determine its suitability for his/her specific application before use. Only use a Soundcoat product after thoroughly consulting instructions on the data sheet for the specific product. SOUNDCOAT DISCLAIMS ANY RESPONSIBILITY FOR 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE, AND 4) VIOLATION OF ANY PATENTS OR TRADEMARKS HELD BY OTHERS.

Properties subject to change without notice. Check with Soundcoat for latest revisions. Flame, smoke, toxicity performance is not intended to reflect hazards presented by this material under actual fire conditions. The Federal Trade Commission considers that there are no existing test methods or standards regarding flammability that are accurate indicators of the performance of cellular plastic materials under actual fire conditions. Any results of existing test methods are intended for measurements of the relative performance of such materials under specific controlled test conditions.

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