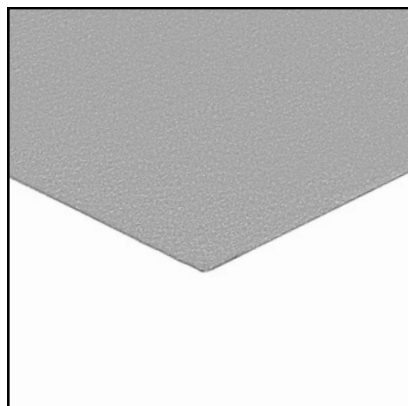


**PRODUCT DESCRIPTION**

Soundfoil RT is a constraining layer vibration composite. It consists of an outer constraining layer of thin metal (typically aluminum) and a butyl damping layer. Soundfoil RT dissipates vibration energy in thin gauge metals or structures. It reduces structure borne noise resulting from unwanted vibration, impact, resonance and coincidence problems.

With direct application to a vibrating surface, Soundfoil RT forms a constrained damping composite layer to dissipate vibrational energy in the form of heat. It provides a high loss factor in a wide range of temperatures from 32F-140F (0C-60C).

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

PHYSICAL PROPERTIES

Polymer Type	Butyl Rubber
Structures Available	5RT60 Standard, Custom Available
Polymer Thickness	.060" ± 10% (1.5mm)
Aluminum Constraining Layer	.004" ± .001 (.102mm)
Protective Liner	Silicone Coated Bleached Kraft Paper
Weight	.512 lb/ft ² (2.5 kg/m ²) (5RT65)
Flame Resistance	FMVSS-302
Operating Temperature	-40-300F (-40-150C)
Optimum Damping Temperature	32F-140F (0C-60C)

PRODUCT CONFIGURAITONS

- Custom die-cut parts
- 24 in X 48 in sheets

THE SOUNDCOAT PROMISE

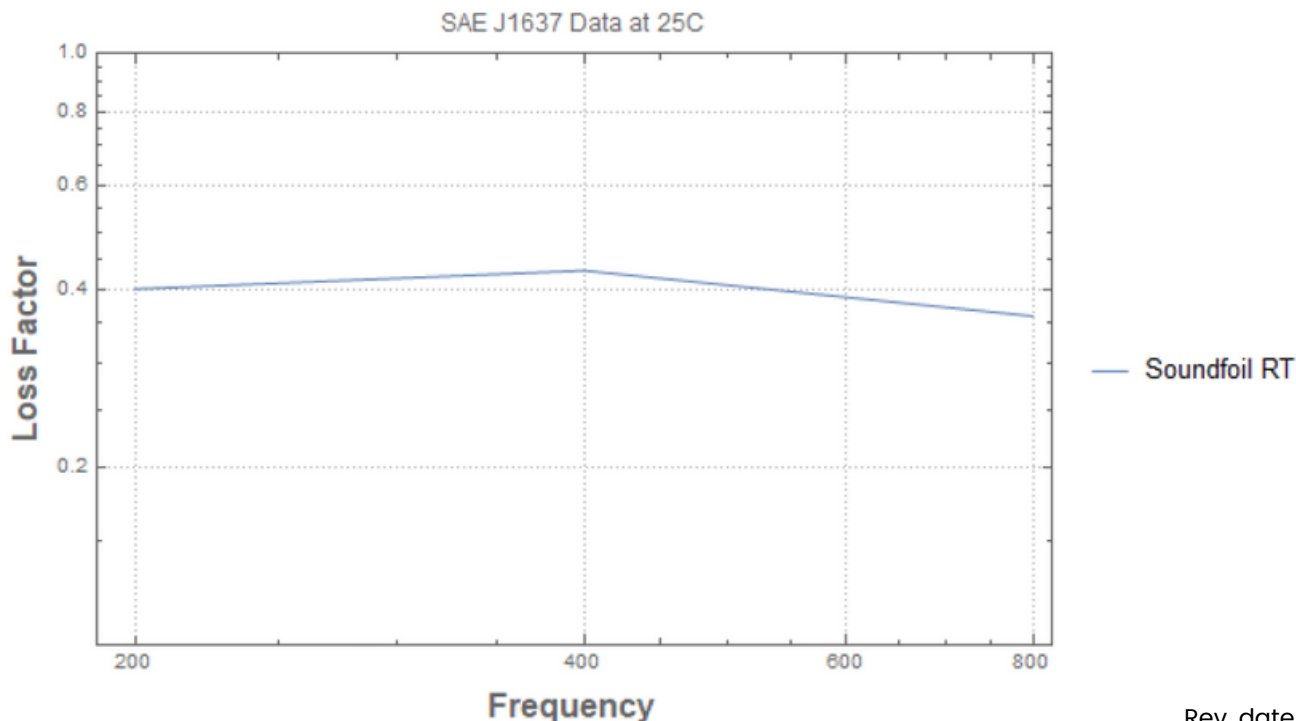
We have one goal: to enhance the customer experience by providing world-class products manufactured under ISO 9001:2015 and AS9100:2016 standards in one of our modern manufacturing facilities strategically located on each coast.

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



Rev. date 10/2/2025

Visit [soundcoat.com](https://www.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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