



PRODUCT DESCRIPTION

Soundfoam VGF is a family of viscoelastic foam, homogeneously infused with graphine particles. The graphite particles create a better heat transfer and make this the ideal foam for a cooler sleeping environment.

VGF48013 is grey in color, achieves crib 5, and is free of melamine.

MARKETS



TYPICAL APPLICATIONS

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

PHYSICAL PROPERTIES & PERFORMANCE

	Unit	Value
Density	kg/m ³	46 ± 5% kg/m ³
Elongation	%	110% Min
Tensile Strength	kPa	75 kPa Min
Compression Resistance (CLD-40%)	%	1.3 ± 15% kPa
Flame Resistance	-	BS5852: Part 2 / crib V FAR 25.853 (a) FAR 25.853 (c)



PRODUCT DESCRIPTION

Soundfoam VGF is a family of viscoelastic foam, homogeneously infused with graphine particles. The graphite particles create a better heat transfer and make this the ideal foam for a cooler sleeping environment.

VGF48025 is green in color, achieves crib 5, and is free of melamine.

MARKETS



TYPICAL APPLICATIONS

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

PHYSICAL PROPERTIES & PERFORMANCE

	Unit	Value
Density	kg/m ³	46 ± 5% kg/m ³
Elongation	%	80% Min
Tensile Strength	kPa	110 kPa Min
Compression Resistance (CLD-40%)	%	2.5 ± 15% kPa
Flame Resistance	-	BS5852: Part 2 / crib V FAR 25.853 (a) FAR 25.853 (c)

**PRODUCT CONFIGURATIONS**

- Available in custom die-cut parts, 60" wide sheets or rolls, and kits.
- Minimum order quantities may apply
- Lead times variable

(* In combination with different textile covers and/or fire-blocking textiles.

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.

Rev. date 8/30/2024

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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