



REINFORCED METALLIZED PEEK FILM



PRODUCT DESCRIPTION

Soundcoat's Metallized PEEK film is a reinforced, metallized, .00025" solid Polyether Ether Ketone film used for aerospace applications.

TYPICAL APPLICATIONS

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

PRODUCT CONFIGURATIONS

- Soundfoam ML HY ULb PE5 (composite of Soundfoam ML HY ULb with metallized reinforced PEEK film) can be certified to meet BMS 8-385 Grade 2 Type 6
- Sheets or spliced rolls

MARKETS



PHYSICAL PROPERTIES

Material Type	PEEK
Color	Silver
Density	.0017 lb/ft ²
Operating Temperature	-43°C (-45°F) to 200°C (392°F)
Thickness	.00025"
Tensile Modulus	2.5 Gpa
Tensile Strength	130 Mpa
Elongation	>150%

THE SOUNDSCOAT 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.

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 Customer Service Group 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. SOUNDSCOAT 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.

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