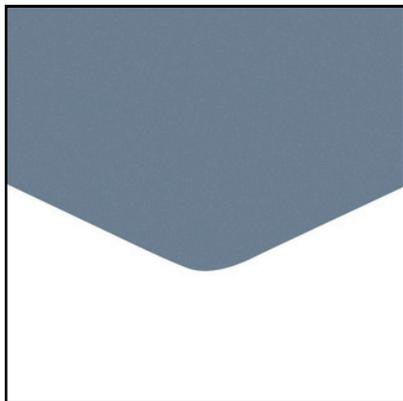




## GREY TEDLAR®



### PRODUCT DESCRIPTION

Grey Tedlar® is a specially coated polyvinyl fluoride (PVF) used as a moisture barrier for the aerospace industry. It meets the requirements of BMS8-385 Grade I Type 4 when laminated to Soundfoam ML G+ foam.

### TYPICAL APPLICATIONS

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

### PRODUCT CONFIGURATIONS

- Compatible products:
  - Soundfoam ML G+
  - Soundfoam ML HY G+

### MARKETS



### PHYSICAL PROPERTIES

<b>Material Type</b>	PVF (polyvinyl fluoride)
<b>Colors</b>	Grey
<b>Thickness</b>	0.001"
<b>Film Weight</b>	<1.4 oz/yd <sup>2</sup>
<b>Operating Temperature</b>	-43°C (-45°F) to 200°C (392°F)
<b>Moisture Permeance</b>	< 1.5 perms
<b>Chemical Resistance</b>	Excellent
<b>Tensile Strength</b>	9000 PSI (min. avg.)
<b>Elongation</b>	90% (min. avg.)
<b>Flame Resistance<sup>(1)</sup></b>	FAR 25.856(a) <sup>(1)</sup> FAR 25.853

### 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.*

Visit [soundcoat.com](http://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.

<sup>(1)</sup> Consult Soundcoat for specific data on composites as not all combinations of materials or foam thicknesses have been tested for fire resistance.

*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.*

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