All materials are available in sheets, die-cut parts or kits with high performance pressure sensitive adhesive for easy installation. Embossing is available. Parts can be unsealed for added durability on all faces and edges.

**Soundfoam/Soundfoam M/Soundfoam S**

**SOUNDFOAM:**
- Polyester based urethane foam
- Homogenous structure resists degradation
- Ideal for electronic equipment, medical, and appliance applications

**SOUNDFOAM M:**
- Polyether based urethane foam
- Excellent hydrolytic stability for moisture and humidity
- Ideal for off-highway, construction, agricultural equipment, HVAC, marine, and power generation

**SOUNDFOAM S:**
- Polyether based urethane foam
- Ideal for the transportation industry

**CABFOAM:**
- An acoustic quality, flexible, open cell polyurethane foam, having an exclusive honeycomb pattern and a tough polymer finish

All foams designed to provide maximum sound absorption over a wide frequency range in minimum thickness.

Wide selection of film facings, styles, optional coverings and patterns. Uniseal option available for maximum protection of facing and edges.

**Soundfoam ML/Soundfoam ML HY**

- Lightweight, flexible melamine foam
- Excellent heat resistance; excellent flammability resistance
- Ideal for acoustic or thermal insulation on vehicles, electronic equipment, aircraft, building construction
- Soundfoam ML HY is treated to be both water and oil repellant - meets BMS 8-385
- Available in sheets, rolls, blocks, die-cut, water jet cut or contour cut parts
- Available in ultra light (UL) weights with hydrophobic and oleophobic properties
- Soundfoam ML HY ULb is Boeing approved for BMS 8-385 Type 1, Grade 2, Soundfoam ML HY ULb PE4 is approved for Type 6, Grade 2 and Soundfoam ML HY ULb PE5 is approved for Type 6, Grade 2
- Soundfoam ML HY G is Boeing approved for BMS 8-385 Type 1, Grade 1 and Soundfoam ML HY G TD4 is approved for Type 4, Grade 1

**Soundfoam HT (Conditioned)**

- Very lightweight polyimide foam
- Provides excellent sound absorption as well as thermal insulation
- Excellent cohesive strength, low outgassing properties
- Will not mold, rot, or erode due to vibration
- Fire resistant; preferred sound absorption material for fire safety areas
- Stable over extreme temperatures
- Ideal for aerospace, marine, military - commercial aircraft and electronics
- Patented Soundcoat conditioning process improves acoustic absorption and foam modulus properties

**FIREND TB 070/TB 090**

- Carbon impregnated polyurethane foam formulated for maximum fire protection
- Maintains fire ratings with a variety of protective films and facings
- Excellent absorption and thermal insulating properties

**Soundfoam 4lb/Soundfoam 4lb M**

- Open cell, flexible polyester or polyether based urethane foam
- Designed to provide maximum sound absorption in minimum thickness
- Excellent heat, humidity, flame, and chemical resistance
- Available with various protective and decorative surface finishes

All materials available in sheets, die cut parts, and kits with high performance pressure sensitive adhesive for easy installation
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 the specific application before use. ONLY use a Soundcoat product after thoroughly consulting instructions on the data sheet for the specific product.

**SOUNDFOAM HT (Conditioned)**

<table>
<thead>
<tr>
<th>Foam Type</th>
<th>Foam Type</th>
<th>Foam Density</th>
<th>Thickness</th>
<th>Temp. Range</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyimide</td>
<td>Polyurethane</td>
<td>2 lbs./ft³</td>
<td>1/4” - 2”</td>
<td>-45°F to 225°F (continuous)</td>
<td>UL94 HF-1 or FMVSS-302</td>
</tr>
<tr>
<td>Soundfoam M</td>
<td>Polyurethane</td>
<td>1.8 lbs./ft³</td>
<td>1/4” - 2”</td>
<td>-45°F to 225°F (continuous)</td>
<td>UL94 HF-1 or FMVSS-302, FAR 25.853(a)</td>
</tr>
<tr>
<td>Soundfoam S</td>
<td>Polyurethane</td>
<td>1.5 lbs./ft³</td>
<td>1/4” - 2”</td>
<td>-45°F to 225°F (continuous)</td>
<td>FMVSS-302</td>
</tr>
<tr>
<td>Cabfoam*</td>
<td>2 lbs./ft³</td>
<td>1/2” - 2”</td>
<td>-45°F to 225°F (continuous)</td>
<td>UL94 HF-1 or FMVSS-302</td>
<td></td>
</tr>
</tbody>
</table>

*Available in polyester or polyether variations. Please see technical data sheet to specify which grade is suitable for your application.

**SOUNDFOAM ML/SOUNDFOAM ML HY (HYDROPHOBIC - Meets BMS 8-385)**

<table>
<thead>
<tr>
<th>Foam Type</th>
<th>Foam Density</th>
<th>Thickness</th>
<th>Temp. Range</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melamine</td>
<td>G.56 lbs./ft³</td>
<td>Any Thickness to 18”</td>
<td>-45°F to 392°F</td>
<td>UL 94 HF-1, V0, ASTM E-84 CLS 1, ASTM E-162 &lt;25, FAR 25.856/25.853(a)</td>
</tr>
<tr>
<td>Polyurethane</td>
<td>0.37 lbs./ft³</td>
<td></td>
<td></td>
<td>ASTM E-162 &lt;25, FAR 25.856/25.853(a)</td>
</tr>
</tbody>
</table>

Available with decorative and protective surface finishes (Nomex®, Tedlar®, etc). Available with edge treatment for applications where moisture or contaminants may be present. Also available in ML HY UL configuration with hydrophobic and oleophobic properties. Meets BMS8-385 (Grade 1 and 2) standards.

**SOUNDFOAM HT (Conditioned)**

<table>
<thead>
<tr>
<th>Foam Type</th>
<th>Foam Density</th>
<th>Thickness</th>
<th>Temp. Range</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyimide</td>
<td>0.44 lbs./ft³</td>
<td>Any thickness to 14”</td>
<td>-238°F to 400°F</td>
<td>FAR 25.856/25.853(a), UL 94 HF-1, ASTM E-162 &lt;25, ASTM E-662 &lt;3, ASTM E-84</td>
</tr>
</tbody>
</table>

Available as fully contoured fabricated parts or panels. Meets BMS 7239 and BMS 8-300. Surface treatments available in white, beige, black, gray, charcoal and olive. Standard sheet size: 24” wide x 48” length. Custom sizes available.

**FIREND TB 070 / TB 090**

<table>
<thead>
<tr>
<th>Foam Type</th>
<th>Foam Density</th>
<th>Thickness</th>
<th>Temp. Range</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impregnated</td>
<td>TB 070 4.4 lbs./ft³</td>
<td>1” - 2”</td>
<td>-40°F to 225°F</td>
<td>UL94-V-0, HF-1, FAR 25.853(a), FAR 25.853(b), FMVSS-302, ASTM E162-25-50, ASTM E84</td>
</tr>
<tr>
<td>Polyurethane</td>
<td>TB 090 5.6 lbs./ft³</td>
<td>1” - 2”</td>
<td>-40°F to 225°F</td>
<td>&lt; 30 %, &lt; 30 %</td>
</tr>
</tbody>
</table>

Optional pattern: Convoluted.

**SOUNDFOAM 4lb and SOUNDFOAM 4lb M**

<table>
<thead>
<tr>
<th>Foam Type</th>
<th>Foam Density</th>
<th>Thickness</th>
<th>Temp. Range</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane Based Acoustic Foam</td>
<td>4.0 lbs./ft³</td>
<td>1/4” - 1”</td>
<td>-45°F to 225°F</td>
<td>UL 94 HF-1 or FMVSS-302</td>
</tr>
</tbody>
</table>

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. Material available with decorative and protective surface finishes (Matte Film, Uniseal, Nomex®, Tedlar®, etc.). Nomex® and Tedlar® are registered trade names of Dupont Corporation.