Engineered Foam for Fabrication
Nonabrasive, shockproof cushioning protection

Pregis
PolyPlank® EXT Engineered Foam Plank

- Produced via an extrusion process which creates a uniform foam with excellent dimensional stability
- Cushions against repeated impacts and can be engineered with anticipated performance

**PolyPlank EXT Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Units</th>
<th>Ext180</th>
<th>Ext220</th>
<th>Ext400</th>
<th>Ext600</th>
<th>Ext900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>ASTM D-3575 SUFFIX D</td>
<td>lb/in²</td>
<td>25%</td>
<td>4 - 8</td>
<td>5 - 10</td>
<td>13 - 20</td>
<td>26 - 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50%</td>
<td>14</td>
<td>13 - 16</td>
<td>16 - 24</td>
<td>36 - 43</td>
</tr>
<tr>
<td>Compressive Set</td>
<td>ASTM D-3575 SUFFIX B</td>
<td>%</td>
<td>21</td>
<td>22</td>
<td>22</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>24hrs</td>
<td>19</td>
<td>16</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td>Nominal Density</td>
<td>ASTM D-3575 SUFFIX W</td>
<td>lb/ft³</td>
<td>&gt; 1.6</td>
<td>&gt; 1.9</td>
<td>&gt; 4.0</td>
<td>&gt; 6.0</td>
<td>&gt; 9.0</td>
</tr>
</tbody>
</table>

Note: 1 Denotes properties specified in CID-AA59136, (Federal Specification PPP-C-1752D).

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PolyPlank Kase Foam Plank

- Closed cell polyethylene foam for high end, reusable storage and shipping cases
- Higher cell count significantly improves aesthetics and structural integrity, especially for designs with thin wall sections

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PolyPlank SFT Foam Plank

- Specially formulated to provide a "softer" polymer to reduce abrasion protecting "Class A" surfaces
- Unique foam die cuts and slices more easily than cross-linked foams and is generally more economical

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PolyPlank LEL Foam Plank

- Contains less than 10% LEL VOC meeting military and other low residual blowing agent specifications

Pregis manufactures quality extruded and laminated polyethylene foam plank to provide foam fabricators with endless design options.
PolyPlank® LAM Engineered Foam Plank

- Extruded in varying thicknesses and laminated together for custom thickness or properties
- Laminated foam provides maximum cushioning, excellent dimensional stability and an economical foam plank

**PolyPlank LAM Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Units</th>
<th>LAM090</th>
<th>LAM120</th>
<th>LAM170</th>
<th>LAM220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>ASTM D-3575 SUFFIX D</td>
<td>lb/in² 25%</td>
<td>3.5 - 5</td>
<td>3.5 - 5</td>
<td>3 - 10</td>
<td>5 - 11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>lb/in² 50%</td>
<td>9 - 12</td>
<td>10 - 13</td>
<td>12 - 15</td>
<td>14 - 17</td>
</tr>
<tr>
<td>Compressive Set</td>
<td>ASTM D-3575 SUFFIX B</td>
<td>% 2hrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>% 24hrs</td>
<td>12 - 22</td>
<td>12 - 22</td>
<td>10 - 25</td>
<td>12 - 25</td>
</tr>
<tr>
<td>Nominal Density</td>
<td></td>
<td>lb/ft³</td>
<td>&gt; 0.9</td>
<td>&gt; 1.1</td>
<td>&gt; 1.5</td>
<td>&gt; 2.0</td>
</tr>
</tbody>
</table>

PolyPlank Renew™ Engineered Foam Plank

- Made with a minimum of 60% post industrial content
- Sustainable solution with no extra cost

PolyPlank MDL™ Multi-Density Laminated Foam

- Patented design combines a thin-gauge, high-density PE top-skin with a high-performance, low-density PE foam base for a uniquely designed custom solution

PolyPlank Plus™ Two-Step Protective Plank Foam

- Made by combining various substrates (foil, films, paper, nonwovens, scrim, etc) with thicker, multilayer foam to form a custom foam block
- Wide variety of substrates opens doors to innovative applications and new markets

The PolyPlank® family of products are available in standard and custom lengths. Widths range from 24” to 48”, with thicknesses ranging from ½” – 10”, densities from 1 to 9 pounds per cubic foot.
Products worth protecting deserve Pregis

We are a leading manufacturer of innovative packaging solutions and protective products.

We solve our customer’s toughest business challenges with packaging so they can create customers for life. We do this by delivering creative solutions to packaging challenges and leveraging a material neutral portfolio.

Contact us today!

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