Material Description

Our Multi-Flex expansion joint material is our most versatile and economical product. The 5 mil inner PTFE gas barrier provides the protection required for all types of dry service. The durable outer layer is constructed of a PTFE coated fiberglass that provides the longevity and flexibility required for any application handling clean, dry air. This two layer composite material provides a tough, flexible barrier.

The Multi-Flex material can withstand continuous temperatures to 600°F and is not affected by UV light. All Multi-Flex materials are easily repaired on-site with a repair kit provided by FSP. Contact our sales staff to see if this is the correct material for your application.

Construction:
PTFE Coated Woven Fiberglass load bearing component with 5 mil PTFE film laminated to interior side to form a 2 layer composite.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Temperature</td>
<td>600°F (316°C) Continuous</td>
</tr>
<tr>
<td>Minimum Temperature</td>
<td>-80°F (-62°C) Continuous</td>
</tr>
<tr>
<td>Weight</td>
<td>55 oz/yd² (1870 g/m²)</td>
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<tr>
<td>Thickness</td>
<td>0.040&quot; (1.0 mm)</td>
</tr>
<tr>
<td>Tensile Strength (Warp)</td>
<td>1200 lbs/in (10508 N/50 mm)</td>
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<tr>
<td>Tensile Strength (Fill)</td>
<td>1200 lbs/in (10508 N/50 mm)</td>
</tr>
<tr>
<td>Maximum Pressure</td>
<td>5 PSI (3518 mm wc)</td>
</tr>
<tr>
<td>Minimum Pressure</td>
<td>-3 PSI (-2110 mm wc)</td>
</tr>
</tbody>
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