Reflectix® Insulation consists of two outer layers of aluminum foil reflect 97% of radiant heat. Each layer of foil is bonded to a tough layer of polyethylene for strength. Two inner layers of insulating bubbles resist conductive heat flow while a center layer of polyethylene gives Reflectix® high reliability and strength.

### Technical Data:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range:</td>
<td>-60 degrees to +180 degrees F</td>
</tr>
<tr>
<td>Nominal Thickness:</td>
<td>5/16 inch (.312)</td>
</tr>
<tr>
<td>Weight:</td>
<td>.81612 oz./sq. ft.</td>
</tr>
<tr>
<td>Flame Spread Index (ASTM E 84):</td>
<td>Less than 75</td>
</tr>
<tr>
<td>Smoke Developed Index (ASTM E 84):</td>
<td>Less than 450</td>
</tr>
<tr>
<td>Fire Rating:</td>
<td>Class C</td>
</tr>
<tr>
<td>Linear Shrinkage:</td>
<td>None</td>
</tr>
<tr>
<td>Reflectance (IR):</td>
<td>97%</td>
</tr>
<tr>
<td>Water Vapor Transmission (ASTM E 96):</td>
<td>0.02</td>
</tr>
<tr>
<td>Puncture Resistance:</td>
<td>60 lb./in.</td>
</tr>
<tr>
<td>Mold and Mildew:</td>
<td>No Growth</td>
</tr>
<tr>
<td>Emittance:</td>
<td>0.03</td>
</tr>
<tr>
<td>Tensile Strength:</td>
<td>3.7 N/mm</td>
</tr>
<tr>
<td>Pliability:</td>
<td>No Cracking</td>
</tr>
<tr>
<td>Hot Surface Performance:</td>
<td>Passed</td>
</tr>
</tbody>
</table>