Foil-Bubble (SB) & (DB) Radiant Barrier Data Sheet

Applications

- In side walls
- Metal Buildings
- Pipe and Duct wrap
- HVAC

Specifications

- Double sided foil with single bubble (SB) or double bubble (DB) pack
- Application Temperature: -60°F to 180°F
- Puncture Resistance: 60 lb/in
- Tensile Strength: 19 lbs
- Nominal Thickness (SB): 3/16”, (DB): 5/16”
- Water Vapor Permeability: 0.000 (ASTM E96 / ONCG 51.33)
- Flame Spread (SB):0, (DB):0 (ASTM Test Method E84-2599-08)
- Fire Rating (SB and DB): Class A / Class 1
- Thermal Emissivity (SB and DB): 0.03 (reflects 97% of Infrared Energy)
- Size (SB): 48” x 125 ft, (DB): 16”, 24” x 125 ft and 48” x 75 ft
- Mold and Mildew: No Growth
- Linear Shrinkage: None

Thermal R-Values (Determined according to ASTM C236 standard)

<table>
<thead>
<tr>
<th>Direction of Heat Flow</th>
<th>Single Bubble (SB)</th>
<th>Double Bubble (DB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Down</td>
<td>14.1</td>
<td>14.6</td>
</tr>
<tr>
<td>Up</td>
<td>4.9</td>
<td>5.4</td>
</tr>
<tr>
<td>Horizontal</td>
<td>6.2</td>
<td>6.7</td>
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</tbody>
</table>