Better Protection from external heat
REFLECT-R’s pure aluminum facing reflects 97% of radiant heat gain.

Faster Onsite installation
The rigidity of the 3/4” core, heavy duty reinforced facing and various tab options designed for every application will save you many man hours on the jobsite.

Safer In-place fire protection
REFLECT-R’s fiberglass core reduces the risk of fire spread as compared to many non-fiberglass core reflective insulations.

REFLECT-R is ASTM E84 and UL723 approved. REFLECT-R achieved a 25/50 rating which provides a Class A / Class 1 rating.

PLANT LOCATIONS
Cleveland, OH • Lancaster, PA • Madison, WI
Atlanta, GA • Phoenix, AZ • Dallas, TX
Stockton, CA • Kent, WA • Spokane, WA

CORPORATE OFFICE
31387 Industrial Parkway
North Olmsted, OH 44070
888-248-7858
Product Standards

Widths: 72”
Lengths: 80’
Thickness: 3/4” standard, 1” optional
Tabs: 2-3” staple or 1-6” tab standard, optional 1-6” tab with double stick tape
Foil Facing: 99.9% pure aluminum (standard)
Non-Foil Facing: PSK-VR (optional – reduces R-value)

Stated R-Values

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Down:</th>
<th>Up:</th>
<th>Horizontal:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4” Thick:</td>
<td>FGF 11.6</td>
<td>7.0</td>
<td>8.5</td>
</tr>
<tr>
<td></td>
<td>FGVR 7.8</td>
<td>5.4</td>
<td>6.0</td>
</tr>
<tr>
<td>1” Thick:</td>
<td>FGF 11.8</td>
<td>8.2</td>
<td>10.1</td>
</tr>
<tr>
<td></td>
<td>FGVR 8.4</td>
<td>7.4</td>
<td>6.4</td>
</tr>
</tbody>
</table>

Heat is transferred through three different processes: convection, conduction and radiation. Of these three, radiation creates 93% of summer heat.

How is the R-Value determined?
The FTC (Federal Trade Commission) requires reflective insulation R-Values to be determined by using the ASTM C 1224 test. This test determines an R-Value for the entire assembly. The assembly consists of two 2”x4” wood studs 16” on center, 1/2” plywood deck on top and the insulation installed at the mid-span of the 2”x4”. The reflective airspace is critical to creating R-Value. The greater the airspace, the greater the R-Value.

How can other brands of reflective insulation claim to have a greater R-Value?
Some suppliers still use the ASTM C976 test which allows them to place the insulation on the outside edge of the 2”x4”, thus creating a 3½” air space. In July of 2003, the FTC ruled to no longer accept the ASTM C976 test as a “fair and accurate” test in establishing R-Values.

Therm-All
Insulation Doesn’t Cost, It Pays.

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