**Better Protection from solar heat**
Reflect-R's pure aluminum facing reflects 97% of radiant heat gain.

**Faster Onsite installation**
Variable widths, custom lengths and the rigidity of the 1/2" core will save man-hours on your 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.

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

PLANT LOCATIONS
Cleveland, OH  Lancaster, PA  Madison, WI
Atlanta, GA  Orlando, FL  Dallas, TX
Sacramento, CA  Phoenix, AZ

THERM•ALL
Insulation Doesn’t Cost, It Pays.
Product Standards
Widths: 48” 60” 72”
Lengths: 102’ 125’
Thickness: 1/2” 1”
Foil Facing: 99.9% pure aluminium
Non-Foil Facing: PSK-VR

Custom Requirements
Roof Roll Lengths: Minimum roll length is 60”
Wall Roll Lengths: No custom lengths for walls

Stated R-Values

<table>
<thead>
<tr>
<th></th>
<th>Down:</th>
<th>Up:</th>
<th>Horizontal:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” Thick:</td>
<td>FGF 11.6</td>
<td>7.0</td>
<td>8.5</td>
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<tr>
<td></td>
<td>FGVR  7.8</td>
<td>5.4</td>
<td>6.0</td>
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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 reflective insulation 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 3–1/2” 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.

REFLECT-R Results:
- Infrared waves create radiant heat
- The waves travel at the speed of light, in straight lines
- With Reflect-R insulation, 97% of these waves are deflected

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