PRODUCT:
- Series 2520 Double Bubble Foil Insulation
- rFOIL™ Reflective Insulation is a Double Bubble layer of Polyethylene bubbles bonded to and sandwiched between a radiant barrier metalized foil and white polyethylene sheet
- rFOIL™ is specifically designed to control heat gain or loss, and to prevent interior condensation in all types of metal and metal-clad buildings
- rFOIL™ meets ASTM E84-09 Fire Test Class 1 / Class A testing
- Square edge, tab 1 side, tab 2 sides, QuickSeam adhesive strip
- Thickness: 5/16” (double)
- Available sizes:
  - 6’ x 125’
  - 8’ x 125’

FEATURES:
- Reflective metalized aluminum surface facing - lowers heating/cooling costs
- Blocks 97% of radiant heat transfer
- Multi-layer bubble core - does not retain moisture or mould, superior puncture resistance
- White interior facing option - easy to clean, safe, non-toxic and non-carcinogenic
- Practical Tab/Edge options - improves vapour-sealing efforts, UV-resistant
- QuickSeam (adhesive tape on tab) - various tab options ensure continuous vapour and condensation barrier

APPLICATIONS:
- Pre-engineered steel buildings, post frame / pole barns, agricultural buildings, residential metal roofs, mini-storage units and livestock confinement

NOTES:
- Cannot be used under concrete
- Install with white side facing down

SPECIFICATION:

<table>
<thead>
<tr>
<th></th>
<th>DOUBLE</th>
<th>SINGLE</th>
</tr>
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<tbody>
<tr>
<td>Nominal Thickness</td>
<td>5/16”</td>
<td>3/16”</td>
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<tr>
<td>Weight</td>
<td>0.78 oz/ft.²</td>
<td>0.47 oz/ft.²</td>
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<tr>
<td>Temperature Range</td>
<td>-50°F to 180°F (-45°C to 82°C)</td>
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<tr>
<td>Flame Spread</td>
<td>5</td>
<td>5</td>
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<tr>
<td>Smoke Development</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>Class 1/Class A</td>
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</tr>
<tr>
<td>Emissivity</td>
<td>0.03 - 0.04</td>
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</tr>
<tr>
<td>Reflectivity</td>
<td>0.96 - 0.97</td>
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<tr>
<td>Water Vapour Permeance</td>
<td>&lt;0.01 Perms</td>
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<tr>
<td>Tensile &amp; Elongation</td>
<td>Machine 69 lbs/sq. in (173%)</td>
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<tr>
<td>Linear Shrinkage</td>
<td>None</td>
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<tr>
<td>Flexibility</td>
<td>No cracking</td>
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</tr>
<tr>
<td>Resistance to Fungi &amp; Bacteria</td>
<td>Does not promote growth</td>
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</table>
**Reflective Insulation**

**Concrete Underpad Poly Barrier Foil Insulation**

**PRODUCT:**
- Series 4320 Double Bubble Concrete Foil Insulation with clear poly on reverse side
- rFOIL™ Concrete Underpad is an outstanding Reflective Insulation and puncture-resistant Vapour Barrier
- rFOIL™ meets ASTM E84-09 Fire Test Class 1 / Class A testing.
- rFOIL™ Concrete Underpad provides exceptional thermal value and a strong, permanent Vapour and Radon Barrier (7 mil)
- Square edge, tab 1 side, tab 2 sides, Quick Seam adhesive strip
- Thickness: 5/16” (double)
- Available sizes:
  - 6’ x 125’
- White Poly Tape, 2” x 150’ Roll

**FEATURES:**
- Reflective metalized aluminum facing (installed face down) - redirects radiant heat energy back to living area and provides a faster reaction time for Radiant Floor heating
- Multi-layer 7 mil bubble core - provides a continuous Thermal Break below the slab, strong puncture resistance and tear strength. Outstanding Vapour and Radon Barrier will also insulate the edge-slab and outside of foundation
- Lightweight flexible materials - just unroll, overlap and tape the seams. Ideal for edge-slab insulation and expansion joints; easily folds up at perimeter footing

**APPLICATIONS:**
- Insulating under concrete slabs, beneath concrete over-pours, edge-slabs and expansion joints
- Install with clear Poly side facing up