It is a polyethylene layer with metallic lamination on one or both sides, that provides excellent thermal resistance, designed to be installed in metal buildings, walls, ceilings, garage doors and confined spaces.

**APPLICATIONS**

- Interior and exterior walls
- Attics
- Behind water heating radiators
- Ceilings
- Conduit interiors
- Garage doors
- Metal buildings
- Poultry and porcine farms

**BENEFITS**

- High reflective thermal value
- Certified vapor barrier
- Easy to install
- Available in different thicknesses and lengths
- It is not poisonous or carcinogenic
- 100% waterproof
- Prevents development of bacteria and mold
- Suits a variety of fastening systems
Polybarrier® is reflective insulation that consists of a layer of polyethylene laminated between a metallic sheet on one or both sides, creating a 1/8" inch thick structure. Polybarrier® is lightweight, a less expensive result, that in many applications will give an incredible performance.

**Standard Roll size: 35" x 164ft x 1/8"**

- Reflective insulation – that in buildings keeps heat in winter and cold in summer.
- Avoids air filtration.
- Serves as a vapor barrier.
- Strong, Light weight, clean and does not deteriorate in short time.
- Easy to install and usually saves up to 50% of labor time.
- Improves comfort and saves money.
- No installation equipment is necessary.

**INSTALLATION GUIDELINES**

Polybarrier® should always be installed within a structure.

Polybarrier® should be installed at least 3 feet away from heating devices, chimneys, fans, etc.. NEVER install directly over illumination or other connections with heat source.

Always disconnect all sources of electricity when installing Polybarrier®.

**TECHNICAL DATA SHEET**

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Units</th>
<th>Typical Properties</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Density</td>
<td>PCF</td>
<td>1.985-2.225</td>
<td>ASTM-D-3575</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>PSI</td>
<td>2.0-3.5&lt;@ 30%</td>
<td>ASTM-D-3575</td>
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<tr>
<td>Vapor Barrier</td>
<td>3 mils</td>
<td>PE Film</td>
<td></td>
</tr>
<tr>
<td>Working Temperature</td>
<td>Celsius</td>
<td>25 a 70</td>
<td>ASTM-D-3573</td>
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<tr>
<td>Chemical Resistance</td>
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<td>Excelente</td>
<td>ASTM-D-3575</td>
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<tr>
<td>Tension Strength</td>
<td>PSI</td>
<td>70-86</td>
<td>ASTM-D-412</td>
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<tr>
<td>Elongation</td>
<td>%</td>
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<td>ASTM-D-412</td>
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<tr>
<td>Water Absorption</td>
<td>%</td>
<td>&lt;01</td>
<td>ASTM-D-3575</td>
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<tr>
<td>Thermal Resistance</td>
<td>R Value</td>
<td>0.30R</td>
<td>ASTM-C-518</td>
</tr>
</tbody>
</table>

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