This product consists of a layer bubble in 3/16-inch polyethylene foam that is laminated to a face and or is inserted between two metal plates that provide an excellent thermal resistance. Designed to be installed on metal constructions, walls, ceilings, garage doors and in confined movement spaces.

**APPLICATIONS**
- Interior and exterior walls.
- Attics.
- Behind hot-water radiators.
- Ceilings inside ductwork.
- Garage doors.
- Metal buildings, hog and poultry farms.

**BENEFITS**
- Reflective high thermal value.
- Qualified as vapor barrier.
- Easily installed.
- It adapts to all imaginable forms.
- Product totally anti-allergic, antitoxic and anticarcinogenic.
- 100% waterproof.
- Prevents bacteria, mold and mildew development.
- Akin to a wide range of fixing systems.
Our metal sheets reflect solar radiation thanks to its high capacity index reflection, while the bubble array of air prevents transmission of heat by conducting and convicting.

**Crystaltherm®** an economical solution for a wide range of industrial usages. Examples:

- Industrial slopes
- Home insulation
- Roof insulation
- Construction.

**Standard roll size:** 47” x 393´ x 3/16 “.

- High R-value
- Vapor barrier
- Reflective Barrier
- Clean, lightweight and strong
- Energy saving

### INSTALLATION ADJUSTMENTS

**Crystaltherm®** Must always be installed in the interior of a structure.

**Crystaltherm®** Must be at least 3 feet away from heating appliances, chimneys, fans, etc. NEVER install directly over lighting or other source device to heat.

Always disconnect any source of electricity when installing **Crystaltherm®**

### TECHNICAL DATA

**Characteristics - Characteristics**

<table>
<thead>
<tr>
<th>Características</th>
<th>Valor - Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Espesor - Nominal thickness</td>
<td>3/16 in. (4mm)</td>
</tr>
<tr>
<td>Resistencia de Tracción - Tensile strength</td>
<td>14.6 lb</td>
</tr>
<tr>
<td>Resistencia al Desgarre - Tear strength</td>
<td>4.9 lb</td>
</tr>
</tbody>
</table>

| Ancho de rollo - Width (in.) of roll | 1.20 mts - 48” |
| Largo - Length (ft.) | 120 mts - 394’ |
| Peso - Weight (lbs) | 24 |
| Temperatura - Temperature | -60°F minimum, 180°F maximum |

**Características de Desempeño - Performance Characteristics**

<table>
<thead>
<tr>
<th>Desempeño Térmico - Thermal performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissividad - Emissivity</td>
</tr>
<tr>
<td>Reflectividad - Reflectivity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Valores R - R Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flujo Calorífico hacia abajo - Heat flow down:</td>
</tr>
<tr>
<td>Flujo Calorífico hacia arriba - Heat flow up</td>
</tr>
<tr>
<td>Flujo Calorífico horizontal - Heat flow horizontal</td>
</tr>
</tbody>
</table>

**Método - Method:** ASTM E96/ONCG 51.33

**Resultado - Result:** 0

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