3M™ Thinsulate™ Insulation Xerogel

3M™ Thinsulate™ Xerogel Insulation is 100% polyester batting loaded with a xerogel insulation for additional warmth.

**features**

- 60% Recycled polyester
- Lightweight
- Warmth Under Compression
- Breathable

**ideal for**

- Footwear
- Apparel (areas with high compression)
- Accessories

**certifications**
partner benefits

When you choose 3M™ Thinsulate™ Insulation, you're choosing a world-renowned product paired with worldwide service. Partner with us and discover the power of our:

**global reach**

With a local presence in more than 70 countries, we can easily work with you and your mill, supporting your production needs from start to finish.

**technical expertise**

As a company driven by science, we can perform more than 20 comprehensive tests on our insulation, carefully evaluating critical features such as compression, thermal resistance, water absorption, and more.

**brand strength**

As the "most recognized" and "most desired" name in insulation, we have the expertise to support your marketing and sales efforts.

*3M™ Thinsulate™ Insulation Brand Health Tracking: Kantar TNS 2017

<table>
<thead>
<tr>
<th>Typical Values</th>
<th>3M™ Thinsulate™ Xerogel Insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Designation</strong></td>
<td><strong>Basis Weight</strong> (g/m², oz/yd²)</td>
</tr>
<tr>
<td>X-4</td>
<td>76</td>
</tr>
<tr>
<td>X-6</td>
<td>115</td>
</tr>
<tr>
<td>X-10</td>
<td>230</td>
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</tbody>
</table>

*Values represent the averages of the population of lots at date of publication

Clo \( (Rₜ) = \frac{(0.18 \text{ °C} \times \text{m} \times \text{hr})}{K \text{cal}}\)

R-value \( = \frac{(hr \times \text{ft}^2 \times \text{°F})}{\text{BTU}}\)

Want more protection from the elements? Ask us about the Scotchgard™ Protector that can further enhance the performance of your apparel.

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