Utilizing silver-coated fibers, this resourceful insulation can inhibit the growth of odor-causing bacteria, resulting in apparel with cleaner scents.

**3M™ Thinsulate™ Insulation Odor Resistant (Type XT-S)**

**features**
- 98% Polyester / 2% X-STATIC® silver Nylon
- 1.0-2.7 Clo value
- Mid-loft

**ideal for**
- Performance apparel
- Outerwear
- Accessories
- Gloves

**certification**

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3M™ Thinsulate™ Insulation

Odor Resistant (Type XT-S)
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 locations**

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 all critical features such as compression, thermal resistance, water absorption, and more.

**brand**

Recognized as a world-class brand, we’ll work with you to support your marketing and sales efforts.

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### Typical Values*

<table>
<thead>
<tr>
<th>Product Designation</th>
<th>Base Weight</th>
<th>Thickness ASTM D 5736 @0.002 psi</th>
<th>Thermal Resistance (R&lt;sub&gt;δ&lt;/sub&gt;) ASTM F 1868</th>
<th>Roll Width</th>
<th>Roll Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>XT-S40</td>
<td>40</td>
<td>1.2 g/m² 1.0 oz/yd² 0.6 cm 0.2 inch</td>
<td>1.0 clo 0.9 R-value 0.16 m²°K/W</td>
<td>60 inch 1.52 m</td>
<td>100 Lin. Yard 91 Lin. Meter</td>
</tr>
<tr>
<td>XT-S60</td>
<td>60</td>
<td>1.8 g/m² 1.4 oz/yd² 0.8 cm 0.3 inch</td>
<td>1.4 clo 1.3 R-value 0.22 m²°K/W</td>
<td>60 inch 1.52 m</td>
<td>100 Lin. Yard 91 Lin. Meter</td>
</tr>
<tr>
<td>XT-S80</td>
<td>80</td>
<td>2.4 g/m² 1.8 oz/yd² 1.0 cm 0.4 inch</td>
<td>1.8 clo 1.6 R-value 0.28 m²°K/W</td>
<td>60 inch 1.52 m</td>
<td>80 Lin. Yard 73 Lin. Meter</td>
</tr>
<tr>
<td>XT-S100</td>
<td>100</td>
<td>2.9 g/m² 2.1 oz/yd² 1.2 cm 0.47 inch</td>
<td>2.1 clo 1.8 R-value 0.32 m²°K/W</td>
<td>60 inch 1.52 m</td>
<td>65 Lin. Yard 59 Lin. Meter</td>
</tr>
<tr>
<td>XT-S150</td>
<td>150</td>
<td>4.4 g/m² 2.7 oz/yd² 1.5 cm 0.59 inch</td>
<td>2.7 clo 2.3 R-value 0.41 m²°K/W</td>
<td>60 inch 1.52 m</td>
<td>45 Lin. Yard 41 Lin. Meter</td>
</tr>
</tbody>
</table>

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

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

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