3M™ Thinsulate™ Insulation

Type M

Trapping heat at all the right times, Type M is the economical choice for lightweight, mid-loft insulation.

Features:
- 100% Polyester
- Mid-loft
- 0.8-2.3 Clo value
- Traps and retains body heat

Features icons:
- Warm
- Lightweight
- Soft

Ideal for:
- Performance apparel
- General wear
- Accessories

Certifications:
- bluesign® APPROVED
- OEKOTEX STANDARD 100
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:

**partner benefits**

**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 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.

### 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 ($R_c$, ASTM F 1868)</th>
<th>Roll Width</th>
<th>Roll Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>g/m²</td>
<td>oz/yd²</td>
<td>cm</td>
<td>inch</td>
<td>clo</td>
</tr>
<tr>
<td>M60</td>
<td>60</td>
<td>1.8</td>
<td>-</td>
<td>-</td>
<td>≥ 0.8</td>
</tr>
<tr>
<td>M80</td>
<td>80</td>
<td>2.4</td>
<td>-</td>
<td>-</td>
<td>≥ 1.2</td>
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<tr>
<td>M100</td>
<td>100</td>
<td>2.9</td>
<td>-</td>
<td>-</td>
<td>≥ 1.5</td>
</tr>
<tr>
<td>M150</td>
<td>150</td>
<td>4.4</td>
<td>-</td>
<td>-</td>
<td>≥ 1.9</td>
</tr>
<tr>
<td>M200</td>
<td>200</td>
<td>5.9</td>
<td>-</td>
<td>-</td>
<td>≥ 2.3</td>
</tr>
</tbody>
</table>

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

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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**Scotchgard™**

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thinsulate.com

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