Designed to withstand the storm, the hydrophobic fibers in this insulation provide superior water resistance, all while helping keep its users warm and comfortable.

**features**

- 1.5-4.4 Clo value
- 100% Polyester
- Synthetic fibers absorb less than 1% of their weight in water
- Retains warmth and dryness without extra weight

**ideal for**

- Performance apparel
- Outerwear
- Gloves
- Accessories

**certifications**

- bluesign™ Approved
- OEKO-TEX® 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.

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**Typical Values**

<table>
<thead>
<tr>
<th>Product Designation</th>
<th>Base Weight g/m²</th>
<th>Thickness ASTM D 5736 @0.002 psi cm</th>
<th>Thermal Resistance (R,λ) ASTM F 1868 m² °K/W</th>
<th>Roll Width inch</th>
<th>Roll Length Lin. Yard</th>
<th>Lin. Meter</th>
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*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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