

3M
THINSULATE™
Insulation



The future of performance.
Sustainably driven. Scientifically backed.

About

Introduced in 1979 as a revolutionary textile innovation, 3M™ Thinsulate™ Insulation has spent over 40 years redefining the possibilities for insulation.



ALWAYS EVOLVING FOR THE BETTER

3M continues to develop advanced insulation technologies.



DEVELOPED WITH REAL SCIENCE

3M scientists engineered a thin, high-performance alternative to thicker insulations of the time.



SUSTAINABLE

3M™ Thinsulate™ Insulation includes a wide range of products that are recycled.



VERSATILE AND IN-DEMAND

Utilized by outdoor apparel, fashion brands, military, and even luxury automobiles.



WIDE RANGE OF PRODUCTS

Our range of products means there's an insulation right for just about any apparel, accessory, or lifestyle.



What we do



Features

Ideal for anything from outerwear to gloves to accessories to bedding, 3M™ Thinsulate™ Insulation has a range of products possessing a variety of unique attributes.

UNIVERSAL FEATURES:



Thin profile



Softness



Light weight



Exceptional warmth



Performs when wet



Wash durability

PRODUCT-SPECIFIC FEATURES:



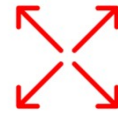
Flame resistance



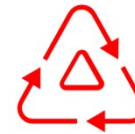
Down alternative



Odor resistance



Four-way stretch



Recycled material



Compostable



Impactful product lines

Today, the world demands more from its textiles. That's why we're continually introducing innovative, impactful insulation solutions to our product lines.



78% Recycled (Type EC)

Comprised of 78% recycled material, this insulation retains warmth and has excellent wash durability.



83% Recycled (Type EP)

Comprised of 83% recycled material, this insulation retains more than 80% of its clo value after 10 washes.



75% Recycled Featherless (Type FL-R75)

Crafted with 75% recycled material, this insulation retains warmth just like natural down—but without the feathers.



100% Recycled Featherless (Type FL-R100)

An animal-free down alternative made of 100% recycled ingredients.



Bio-Based | COMING SOON!

Made of annually renewable plant-based material, this is a fully compostable insulation.

Certifications



Let's get started

We're ready.

Speak to your 3M sales rep today, and they'll work with you, your mills, and your suppliers to help you develop stylish, responsible apparel your customers can't live without.



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Thank You