

For a loftier silhouette



Some 20 years ago, Thinsulate™ Insulation was introduced as the original “warmth without bulk” insulation. It was the thinnest and warmest synthetic insulation on the market, and it revolutionized the outerwear industry.

Since then, outerwear has become an essential element of the total fashion “look,” and insulations play a more important role than ever in creating it. Today, many consumers want a fuller look to their outerwear fashions, but they still want all the performance they’ve come to expect from original Thinsulate insulation. That’s why 3M created Thinsulate™ Insulation for Soft Comfort (Type PT).

A mid-loft, 100% polyester with a soft hand and improved drape, Thinsulate insulation for soft comfort creates a loftier silhouette, giving your customers another option from which to choose. And because it is scrimless and both washable and dry cleanable, it is easy to use and care for.

Another innovation from the brand that means warm

The Thinsulate brand is the most recognized and respected name in apparel insulation.* It is the only brand of insulation that consumers can recall by name. It has the highest overall brand awareness, the best brand image and the greatest likelihood of repeat purchase of any branded synthetic insulation. What’s more, consumers say they’re more likely to buy a product if it has a Thinsulate insulation hang tag, and they’re willing to pay more for it.

To bolster this already established brand strength, 3M will continue its brand-building activity with both retailers and consumers. So you can be sure that when the Thinsulate insulation hang tag is on your merchandise, a receptive audience will be there primed to buy it.

* 1994 and 1996 Project Research, Inc. consumer surveys

Technical data

Thinsulate™ Insulation Type PT

Uses: General Outerwear, Sportswear

Warmth While Damp: Retains insulating ability in damp conditions.

Flammability: Class 1 — as tested according to procedure described in 16 CFR Part 1610, Federal Flammable Fabrics Act.

Composition: 100% Polyester

Typical properties

	Thickness		Weight		Warmth*	
	(cm)	(inches)	(g/m ²)	(oz/yd ²)	Intrinsic Clo (I _C)	R-value
P80	0.86	0.3	81	2.4	1.9	1.7
P100	1.00	0.4	104	3.1	2.2	1.9
P120	1.13	0.4	126	3.7	2.5	2.2
P150	1.39	0.5	159	4.7	3.1	2.7

*Warmth is for insulation alone. $1 \text{ Clo (I}_C) = \frac{0.18^\circ\text{C} \times \text{m}^2 \times \text{hr}}{\text{K cal}}$ R-value = $\left(\frac{\text{hr} \times \text{ft}^2 \times ^\circ\text{F}}{\text{BTU}} \right)$

Available Width: Thinsulate Insulation Type PT is available in 60” roll width with 2” inside core diameter.

Garment construction guidelines:

Thinsulate Insulation Type PT may be quilted using conventional quilting equipment. A quilt-through construction of 4” to 10” channel quilts is recommended. Thorough garment testing is necessary for quilt dimensions outside of the recommended range. Follow above instructions to check for potential fiber migration.

General care recommendations:

Machine wash cold, delicate cycle. Tumble dry, low heat. Do not steam press. Cool iron if needed. Dry cleaning may reduce loft.



Insulation Products

3M Center, Building 275-6W-01
St. Paul, MN 55144-1000
<http://www.3M.com/Thinsulate>

3M Canada, Inc.

P.O. Box 5757
London, Ontario N6A 4T1



40% Pre-consumer waste paper
10% Post-consumer waste paper

Thinsulate is a trademark of 3M.
Printed in USA.

© 3M 1997

TH-PBRO-1 70-0707-5920-7(67.5)ii