

Thinsulate
INSULATION
3M

Type P

A fashionable solution:
The Thinsulate™ Polyester Insulation.

Outdoor wear with
Thinsulate™ Thermal Insulation Type P.

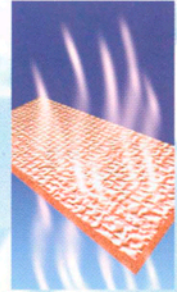
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Anything else leaves you cold.

Warm and soft

Thinsulate™ polyester insulation is the universal insulating material for general outer- and sports-wear. Fine denier fibres ensure class leading thermal insulation. A mid-loft, 100% polyester with a soft hand and drape, type P creates a loftier silhouette with the performance expected from a Thinsulate™ insulation.



Warmth while damp

Retains insulating ability in damp conditions. Highly breathable material allows damp moisture to escape and thereby improving wearer comfort. Dries quickly and easily.

Fashionable warmth

Designed expressly to give a loftier look to fashion outer garments. Also suitable for professional clothing and workwear, and sportswear.



Low flammability

Fulfils requirements of class S-c according to DIN54336 and DIN66083. Further, type P contains no harmful materials according to the Forschungsinstitut Hohenstein (International Association for Research and Testing in the Field of Textile Ecology) Oeko-Tex Standard 100, and has been awarded with the Oeko-Tex mark.



Easy care Can be washed and dry cleaned.

Typical Properties

	Thick-ness (cm)	Surface Weight (g/m ²)	Warmth insulating measurement R _{ct} (m ² K/W)	Roll Length (m)	Roll Width (m)
P-60	0,70	59	0,20	100	1,52
P-80	0,90	79	0,25	75	1,52
P-100	1,10	95	0,30	60	1,52
P-120	1,40	116	0,34	50	1,52
P-150	1,52	151	0,38	40	1,52

Composition 100% polyester

Garment construction

Quilting is not necessary but large panel sizes may need supporting. Spacing up to 30cm allowed. Insulation may be used with any fabric. Fibre migration may occur with rough or coarse fabrics. If in doubt, 3M representatives can arrange to have fabric combinations tested.

Care instructions

