

Thinsulate
INSULATION

3M

Type P



SOFT AND MIDLOFT

FOR FASHIONABLE SOLUTIONS

TYPE P

mid-loft and warm
hard-wearing
easy care



Thinsulate™
INSULATION

Anything else leaves you cold.

Warm and soft Thinsulate™ Insulation Type P is the universal mid-loft insulation material for general outdoor and sportswear, and is also suitable for corporate identity clothing. Type P creates a loftier fashionable silhouette with the performance expected from a Thinsulate™ Insulation. The hard-wearing and easy-care material retains its insulating abilities even in damp conditions. High breathability and a particularly soft hand provide optimum comfort to the wearer.

Ecological statement Type P contains no harmful substances according to Oeko-Tex-Standard 100 and has been awarded with the Oeko-Tex-Certificate by Hohenstein Institutes.



Care Instructions Can be machine washed and dry cleaned according to care instructions.



Typical Properties

TYPE	THICKNESS [cm]	WEIGHT [g/m ²]	WARMTH	LENGTH [m]	WIDTH [m]
P 60	0,7	60	*	100	1,52
P 80	0,9	83	**	75	1,52
P 100	1,0	101	***	60	1,52
P 120	1,1	119	****	50	1,52
P 150	1,3	151	*****	40	1,52

Data generated by 3M Laboratories (Europe)

Composition 100 % Polyester

Garment Construction Quilting is not necessary but large panel sizes may need supporting. Spacing up to 30 cm allowed. Insulation may be used with any fabric. Fibre migration may occur with rough or coarse fabrics. Check before using light coloured and translucent fabrics if Thinsulate™ Insulation is showing through and whether appearance is suiting the intended design. Slightly varying surface appearance does not affect the performance and specification of the product. For resistance against chemicals, fire and radiating heat and behaviour together with electrical current please contact 3M for advise. If in doubt, 3M representatives can arrange to have fabric combinations tested.

Please also study our PBUS document which gives useful advice about product and brand usage standards

Important Notice to Purchaser/ User All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Before using, user must determine the suitability of the product for its intended use and user assumes all risk and liability whatsoever in connection therewith. Check before using light coloured and translucent fabrics if Thinsulate™ Insulation is showing through and whether appearance is suiting the intended design. Factors such as garment construction, wearer's physical condition and ambient conditions may require different insulation levels. All product performance values stated on Thinsulate™ Thermal Insulation Product Data Sheets are determined before shipping. Storage, handling and shipping may effect the performance levels of the insulation. All statements, technical information and recommendations herein should not be used for tenders and specifications. To validate submitted data please contact 3M. All technical data stated are typical values, but due to the nature of non woven textiles and therefore to the variation of results, they can not be guaranteed. All applications need to be in accordance with our PBUS regulations in order to ensure proper Product and Brand Usage. All questions of warranty and liability relating to this product are governed by the terms of the sales subject where applicable to the prevailing law.