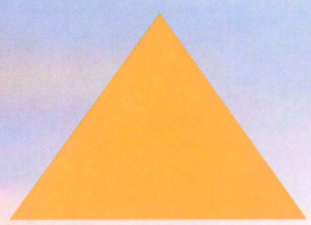


Thinsulate™
INSULATION



WHATSOEVER YOU DO!



3M *Innovation*



FEEL THE

THINSULATE™ INSULATION DIFFERS FROM
CONVENTIONAL MICRO-FIBRE NON-WOVENS.

THINSULATE™ INSULATION IS A "WAY OF LIVING"; ONE YOU
CAN TOUCH, FEEL AND EXPERIENCE.

FEEL WARM AND COMFORTABLE
GO WHEREVER YOU WANT
LIVE WITHOUT LIMITS

BE PREPARED FOR ANYTHING

WHATEVER YOU DO!



NATURE IS OUR SOURCE

Furs, down, and feathers are excellent examples of thermal insulation from nature. Thinsulate™ Thermal Insulation adheres to these natural models and combines them with optimal freedom of movement and comfort thanks to micro-fibre technology.

Thinsulate™ Thermal Insulation products have been awarded the Oeko-Tex label, certifying that they are safe to use in clothing and textiles.

EXTREMES

VISIBLE THERMAL INSULATION

A thermograph picture enables the surface temperature distribution and therefore the performance of the insulation to be recorded quickly and without contact.

Thanks to micro-fibre technology, Thinsulate™ Thermal Insulation captures more insulating air, a key feature copied from nature's own excellent thermal insulators.

PERCEPTIBLE COMFORT

The extremely fine micro-fibres give Thinsulate™ Thermal Insulation a larger fibre surface area per unit volume than other conventional insulation. More insulating air can therefore be trapped with less material.

Minimal weight brings greater freedom of movement, and combined with the breathable nature of Thinsulate™ Thermal Insulation gives an optimal sense of well being.





G O T O

Example	Type C					Type B			Type THL				Type Flex				Type P				Type TIB				
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EXTREMES

OPTIMAL PERFORMANCE TO MEET EVERY NEED

Thinsulate™ Insulation products are produced in compliance with high quality standards.

All Thinsulate™ Thermal Insulation products are also easy-to-care for, hard-wearing and extremely durable.

MATERIAL TYPE B

- Designed expressly for all types of footwear
- Retains its insulation capability even under compression

MATERIAL TYPE C

- The specially developed micro-fibre non-woven retains twice as much warmth as down with the same material thickness
- Thin and warm

MATERIAL TYPE FX

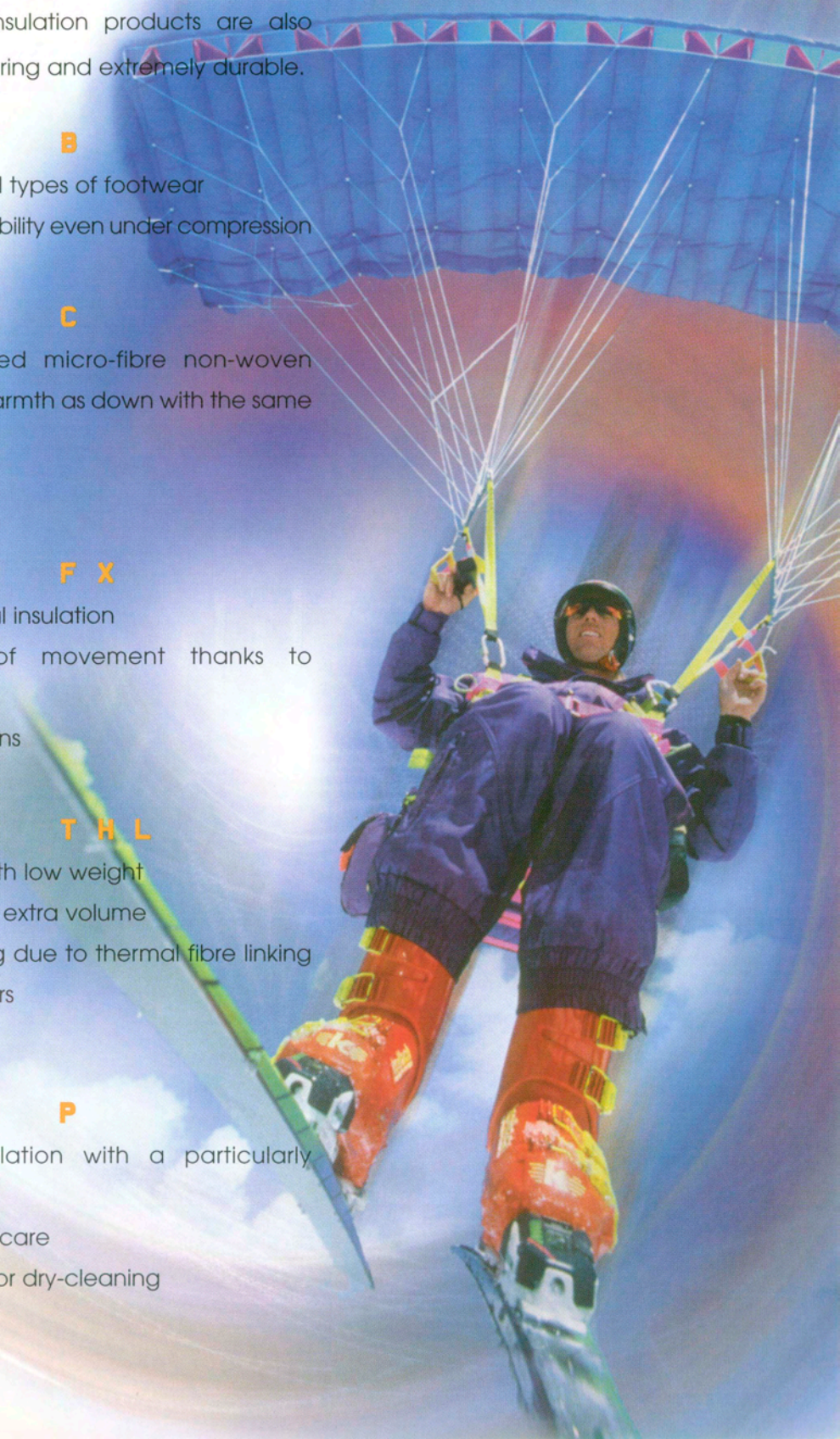
- Light, soft, elastic thermal insulation
- Enhanced freedom of movement thanks to expandable material
- 40% stretch in all directions

MATERIAL TYPE THL

- A high insulation level with low weight
- High loft construction for extra volume
- Stable and hard-wearing due to thermal fibre linking without additional binders
- Light and warm

MATERIAL TYPE P

- Excellent thermal insulation with a particularly soft touch
- Hard-wearing and easy-care
- Washable and suitable for dry-cleaning





LIVE YOUR

Thinsulate[™]
INSULATION



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.

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 questions of warranty and liability relating to this product are governed by the terms of the sales subject where applicable to the prevailing law.

