

# Materiały ocieplające Thinsulate™ firmy 3M

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AGENT FIRMY 3M

**3M** Thinsulate™  
INSULATION



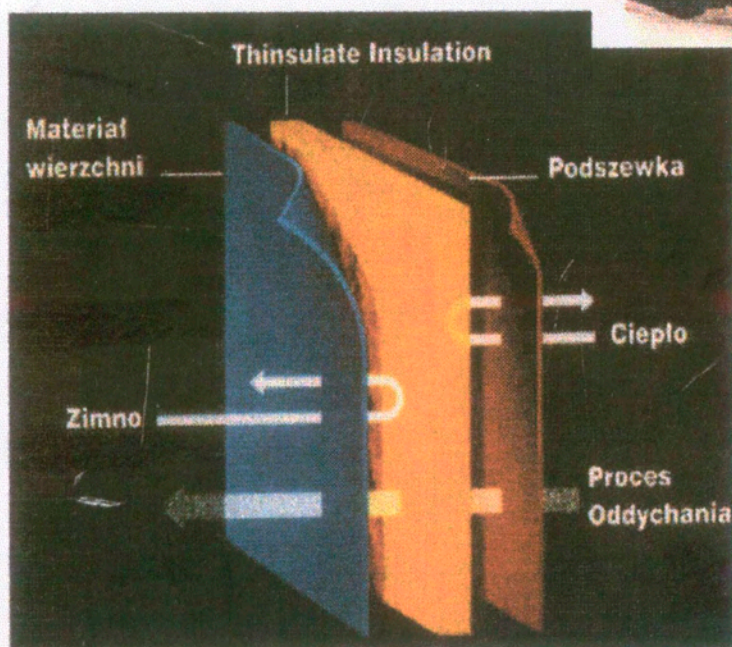
*Ciepłota, suchość, niepotliwość, lekkość, trwałość, niealergenicność - jednym słowem komfort, którego oczekuje każdy użytkownik obuwia, ubrań wierzchnich, kombinezonów, rękawic, śpiworów, ubrań myśliwskich czy też kołder. Tak moglibyśmy scharakteryzować jednym zdaniem cechy materiału ocieplającego Thinsulate™ firmy 3M.*

## Thinsulate™ Thermal Insulation for footwear

Quite possibly, the most important part of a cold-weather boot



**3M** Innovation



*Unikalna technologia mikrowłókien opracowana przez firmę 3M pozwoliła stworzyć całą rodzinę materiałów ocieplających nowej generacji spełniających najwyższe wymagania odbiorców w zakresie optymalnego zabezpieczenia przed zimą.*



## A summary of our clientel

***In numerous occupational categories  
Thinsulate™ Thermal Insulation  
is already enjoying international success.***

- ◆ *Police Forces*
- ◆ *Airline Companies*
- ◆ *Bus coach and rail transport*
- ◆ *Armed forces*
- ◆ *Transport and delivery companies*
- ◆ *Taxi Companies*
- ◆ *Post Offices*
- ◆ *Security services*
- ◆ *Refrigerated and frozen product services*
- ◆ *Hunting and fishing*
- ◆ *Oil companies*

***Thinsulate™ Thermal Insulation  
is also used for the following applications:***

- ◆ *Rainwear*
- ◆ *Skiing and sportswear*
- ◆ *Hiking*
- ◆ *Leather garments*
- ◆ *Hunting apparel*
- ◆ *Fashion clothing*
- ◆ *Shoes and gloves*
- ◆ *Bedding*
- ◆ *Sleeping Bags*



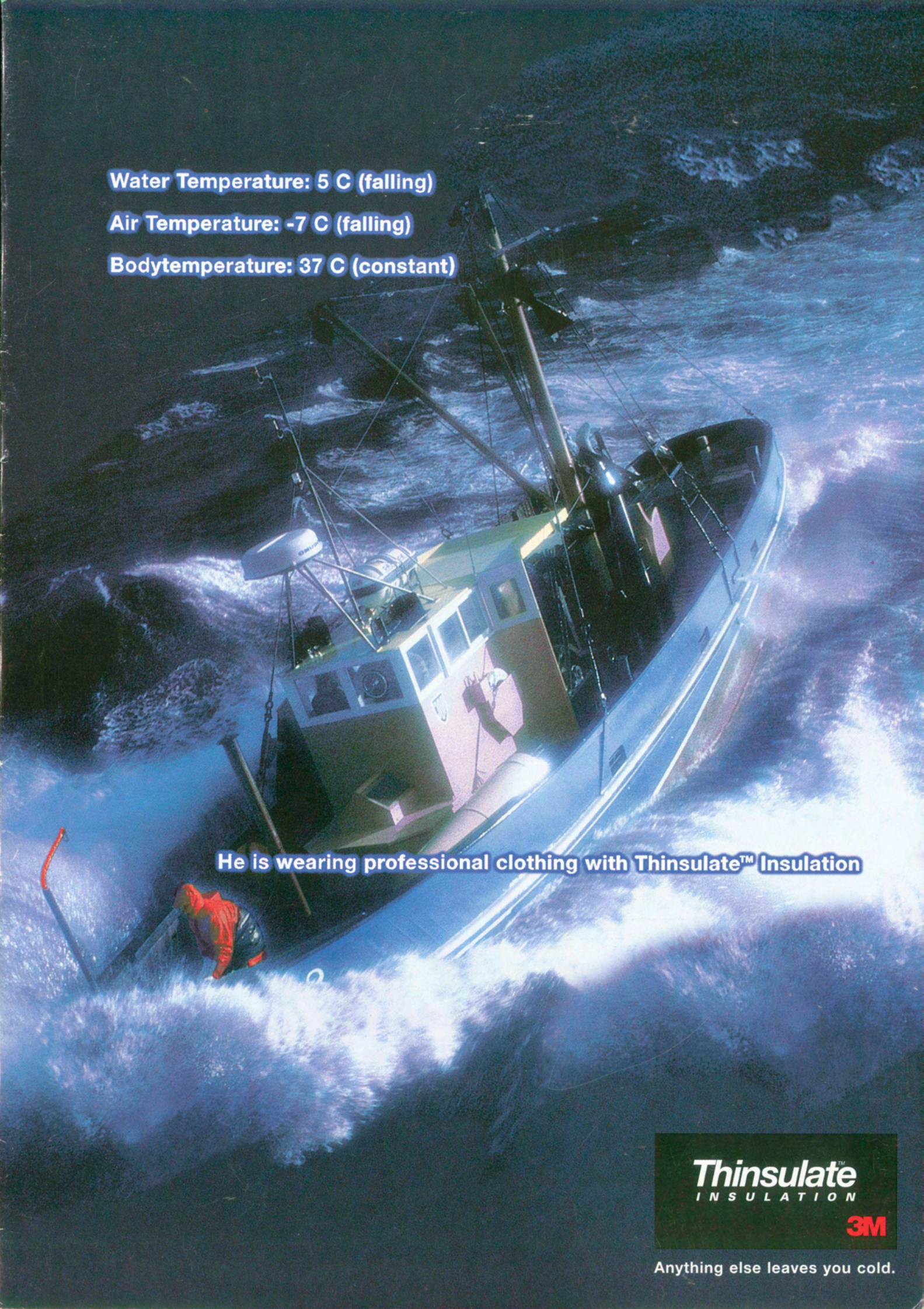
**Anything else leaves you cold.**

IPP Europe  
c/o 3M Deutschland GmbH  
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*Would you like to know more about Thinsulate™ Insulation? Call*

**[049 21 31] 14 22 70**



A fishing boat is shown in a dark, stormy sea with large, white-capped waves. The boat is tilted slightly to the right. A crew member in a bright orange jacket is visible in the lower-left foreground, leaning over the side of the boat. The overall scene is dramatic and emphasizes the harsh, cold environment.

**Water Temperature: 5 C (falling)**

**Air Temperature: -7 C (falling)**

**Bodytemperature: 37 C (constant)**

**He is wearing professional clothing with Thinsulate™ Insulation**

**Thinsulate™**  
INSULATION

**3M**

Anything else leaves you cold.





**Thinsulate™**  
INSULATION



**APPLICATION / USER**

General Outdoor, Consumer Ski wear /  
vertical textile industry

**COUNTRY**

Germany

**PRODUCT**

Thinsulate™ Thermal Insulation Type P

**SOLUTION**

The Thinsulate™ Brandname and the global  
presence and infrastructure of 3M.



ANYTHING ELSE LEAVES YOU COLD







**Thinsulate™**  
INSULATION

**APPLICATION / USER**

Performance Wear / Ski schools

**COUNTRY**

Austria

**PRODUCT**

All Thinsulate™ Thermal Insulation P type range

**SOLUTION**

The material used has significant advantages over competition, such as durability warmth, comfort and freedom of movement.

ANYTHING ELSE LEAVES YOU COLD





**APPLICATION / USER**

Work-wear Garments / Mining Industry

**COUNTRY**

North Russia and Siberia

**PRODUCT**

Thinsulate™ Thermal Insulation Type P 150  
and CS 150

**SOLUTION**

Thinsulate™ warmth performance, durability  
and quality perfectly suits this application  
under the specific working conditions in  
extreme climate.

ANYTHING ELSE LEAVES YOU COLD







### APPLICATION / USER

Non-apparel Applications / Industry and end customer, private use

### COUNTRY

Various

### PRODUCT

Thinsulate™ Thermal Insulation  
Type P, C/CS/CDS and B

### SOLUTION

The broad portfolio, the unmatched quality and the brand-name of Thinsulate™ Thermal Insulation enables 3M to support customers when it comes to special applications or life threatening environments.



ANYTHING ELSE LEAVES YOU COLD







### APPLICATION / USER

Blankets and Duvets / Consumer general - all households

### COUNTRY

Germany

### PRODUCT

Thinsulate™ Thermal Insulation Type TIB

### SOLUTION

TIB offers down-like comfort without the disadvantages of a processed animal product. It has superior quality compared to other synthetic insulation materials and supports customers who wish to differentiate their products from competition.

ANYTHING ELSE LEAVES YOU COLD

