



# Polar Thermal Products Ltd



## Specification : MultiStack Thermal Pallet Cover

Designed to fully encapsulate the pallet load and protect thermally from heat loss or gain. Comprises of a rugged and high efficiency insulated base, top and side wrap which folds away into a 250mm high box.

*Often used within logistics environments when moving temperature controlled pharmaceuticals / perishables. Expected to last many years in tough environments.*

*Able to keep products within between temperature requirements for many hours if used effectively. Supplied with ID tags and security lugs for customs and security use. Available in branded colours, or in silver to protect against direct sunlight.*

### Guarentee

All Polartherm products carry a **two year guarentee** subject to normal wear and tear. Customers normally experience many years use due to the quality of manufacture and materials used.

### Specifications

*Storage capacity*  
*Weight empty*  
*External surface material*  
*Internal lining material*  
*Insulation material*  
*Insulation thickness*  
*Std External dimensions (can be specified)*  
*Std Internal dimensions (can be specified)*  
*Material fixing type*  
*Cold life without opening*

Based on independent tests from  
Cambridge Refrigeration Technology  
- copies of results available on request

Varies depending on size required  
15kgs  
Cotton coated PVC  
Cotton coated PVC  
Patented Polartherm material  
45mm  
width: 1200mm height: 1000mm depth: 1000mm  
width: 1150mm height: 950mm depth: 950mm  
Velcro  
Using a container of water/product, equivalent to 5% of the internal volume of the insulated cover. Then subjecting it to an ambient temperature 20-25°C warmer than the product, the results show that the rate of temperature increase was on average less than 0.7°C per hour.  
1.01 ± 0.1  
0.05 ± 0.005

*Thermal Conductance (W/m<sup>2</sup>.K)*

*Thermal Conductivity (W/m.K)*

**Made from Polartherm™** - a unique triple layer insulation developed from the NASA space programme. It comprises an inner reflective layer, a hollow fill fibre filler and a robust woven PVC (optionally fireproof) outer. It is lightweight, robust, hygienic, easily cleaned and complies with UK and US food safety requirements.

**Polar Thermal Products Ltd**  
Crusader Business Park  
Warminster, Wiltshire  
BA12 8SP

T: 0044 1985 214111  
F: 0044 1985 214175  
[www.polartherm.co.uk](http://www.polartherm.co.uk)  
[sales@polartherm.co.uk](mailto:sales@polartherm.co.uk)

*Product Code:* **PMSC01**  
*Specification:* **001/08**



A division of the Aerotrim Group  
**AEROTRIM**