



Polar Thermal Products Ltd



Specification : Thermal Pallet Cover

Designed to fully wrap around the pallet load and thermally protect from heat loss or gain. Sides fasten together utilising industrial Velcro. Can be supplied with thermal pallet to provide fully sealed enclosure.

Product Code: PPC01
Specification: 001/08

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

<i>Storage capacity</i>	Varies depending on size required
<i>Weight empty</i>	15kgs
<i>External surface material</i>	Cotton coated PVC
<i>Internal lining material</i>	Cotton coated PVC
<i>Insulation material</i>	Patented Polartherm material
<i>Insulation thickness</i>	45mm
<i>Std External dimensions (can be specified)</i>	width: 1200mm height: 1000mm depth: 1000mm
<i>Std Internal dimensions (can be specified)</i>	width: 1150mm height: 950mm depth: 950mm
<i>Material fixing type</i>	Velcro
<i>Cold life without opening</i>	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
<i>Thermal Conductance (W/m².K)</i>	
<i>Thermal Conductivity (W/m.K)</i>	0.05 ± 0.005

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

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.



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