



# Polar Thermal Products Ltd



## Specification : Thermal Roll Cage Cover / Liner

A rugged and high efficiency insulated jacket which is placed over the roll cage to minimise temperature loss. A thermal mat can be placed inside the cage floor to prevent temperature loss from the floor?

Product Code: **AERO/05/0010**  
Specification: **001/08**

*Often used within logistics environments when moving temperature controlled perishables. Can be manufactured as a liner to fit inside the cage.*

*Able to keep products within between temperature requirements for many hours if used effectively. Can be supplied with insulated separating panel to enable part loads*



### Guarentee

All Polartherm products carry a **two year guarentee** subject to normal wear and tear

### Specifications

<i>Storage capacity</i>	696 ltrs
<i>Weight empty</i>	9.074kgs (with base)
<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>Standard External dimensions</i>	width: 700mm height: 1600mm depth: 800mm
<i>Standard Internal dimensions</i>	width: 650mm height: 1550mm depth: 750mm
<i>Door 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.
<i>Thermal Conductance (W/m².K)</i>	1.01 ± 0.1
<i>Thermal Conductivity (W/m.K)</i>	0.05 ± 0.005

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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