



# 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

Storage capacity	696 ltrs
Weight empty	9.074kgs (with base)
External surface material	Cotton coated PVC
Internal lining material	Cotton coated PVC
Insulation material	Patented Polartherm material
Insulation thickness	45mm
Standard External dimensions	width: 700mm height: 1600mm depth: 800mm
Standard Internal dimensions	width: 650mm height: 1550mm depth: 750mm
Door fixing type	Velcro
Cold life without opening	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.
Thermal Conductance (W/m².K)	1.01 ± 0.1
Thermal Conductivity (W/m.K)	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.



**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)

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