

# AEROTRIM

## Polar Thermal Products Specification



### Product name

**AAP / LD9 Thermal Cover**

### General Information

Polar thermal pallet cover suitable for the carrying of Pharma products and edibles

Internal and external material varies depending in application and design

All products are water proof and anti fungal.

Rot proof stitching

Guaranteed for two years

### Specifications

Product Code

AERO/05/0017

Storage capacity

9.0m<sup>3</sup>/318ft<sup>3</sup>

Weight fully loaded

As LD9 container (4626 kgs)

Weight empty

30kgs

External surface material

Cotton coated PVC

Internal lining material

Cotton coated PVC

Insulation material

Patented Polartherm material

Insulation thickness

45mm

External dimensions

width: 3150mm height: 1680mm depth: 2050mm

Internal dimensions

width: 3100mm height: 1630mm depth: 2000mm

Vaccine storage dimensions

Varies

Door type and fixings

Velcro/Zip

Other information

Adjustable Straps

Telescopic support poles

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/m<sup>2</sup>.K)

1.01 ± 0.1

Thermal Conductivity (W/m.K)

0.05 ± 0.005

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