



Polar Thermal Products Specification

Product name

P1P / LD7 Thermal Cover (Adjustable Height)

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/07/0017

Storage capacity

12.98m³/458ft³

Weight fully loaded

As LD7 pallet plus 30kgs (5000kg)

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 (in operation)

width: 2200mm, max height: 2030mm, depth: 3100mm,

Internal dimensions (in operation)

width: 2150mm, max height: 1980mm, depth: 3050mm,

Vaccine storage dimensions

Varies

Door type and fixings

Velcro

Other information

Variable height to suit various loads/decks and minimise passive air, increasing thermal efficiency

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

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