

Thermal Blanket



Protection for temperature sensitive cargo – Pharmaceuticals / Perishables / Electronics.

Whether you are transporting goods via land, sea or air, the AmSafe® thermal blanket protects your temperature sensitive cargo by *stabilizing* the environment of the shipment and shielding it from extreme weather and temperature fluctuations. Manufactured using technology that is lightweight and durable, our thermal blanket can be used as a primary or secondary protection.

Constructed from a double layer of durable and waterproof PVC material, the blanket is comprised of two components – a top half and bottom half – that fit together in a cube-like structure around the cargo shielding it from extreme weather and temperature fluctuation including rain and/or sunlight damage.

Usage

To achieve best results:

- Cover load at desired cargo temperature.
- Seal joints of the blanket to minimise gaps.
- Place the blanket under the pallet net if using for air transport.
- Place the blanket over the net if removing before air transport (if protecting cargo between warehouse and aircraft).

The AmSafe thermal blanket is designed to be used multiple times before it has to be replaced. The number of uses will depend on the routes, usage type, care taken and maintenance.

Cleaning

Our blanket should be cleaned with lukewarm clean water using a soft cloth (to avoid any damage to the insulation material). The washed blanket must be completely dry before returning to use. Accelerated drying at elevated temperature is not advisable.

AMSAFE®



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Manufacturing Operations and Service Facilities Across the Globe

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Insulation / Thermal Performance

The data below shows the thermal performance of the AmSafe blanket on a European pallet at 1.2m high.

Product Ambient Time (hours) Total temperature gain (°C)	20°C – Bottled Water @ 50% Volume					
	30°C					
	1	2	3	4	5	6
	+2.58	+3.70	+4.68	+5.57	+5.72	+5.96

Above data is extracted from thermal chamber test report (available on request). Temperatures from worst performing sensor position (located in the top corner)

Material Properties / Specifications

- Outer: Wear resistant PVC fabric
- Inner: Multi layer sub-assembly comprising of expanded polyethylene foam sandwiched between sheets of reflective *aluminum* foil
- Weight: Approx. 835g/m²
- Thickness: Approx. 12mm
- Flexible material
- Watertight

Approvals

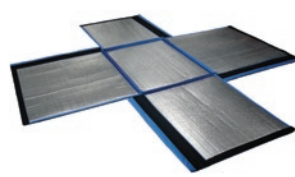
- Harmonization (HS) / Commodity / SITC Code: 4202921900 (pallet cover made from plastic sheeting, intended for prolonged use)
- CAA Supplier Approval Ref: UK.21G.2110
- EASA Supplier Approval Ref: EASA.21J.130
- ISO 9001
- ISO14001 (Sri Lanka)

Available Sizes and Assembly

The AmSafe thermal blanket is a single piece cover designed to fold over the goods, sealed by Velcro on all four corners of the cover to allow easy assembly/disassembly. The base of the blanket provides full encapsulation to protect against heat exchange through the pallet. UK/US & Euro skid size pallets are up to 1.2m high and 1.6m high. ULD Air Cargo PMC, PAG, PLA, AAP, AKE (LD3) come in various heights.



Place base on pallet, then cargo on base, folding up sides



Top opens up into crucifix format, place over load



Seal the sides of the cover together using Velcro



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For further information on our products and services, visit our web-site at: www.amsafe.com