

# PALLETGUARD

THERMAL PALLET COVERS



TEMPERATURE  
CONTROLLED  
PACKAGING



**PalletGuard pallet covers provide additional protection for temperature-sensitive pharmaceutical pallet shipments. These pallet covers can significantly reduce temperature excursions, are water resistant, and mitigate against direct sunlight impact on your payload packaging.**

PalletGuard thermal pallet covers can be utilised as the primary protection or with passive or active pallet shippers giving your payload additional protection when required. Our PalletGuard solutions are cost-effective, easy to use, and come in a range of standard sizes and thicknesses, ensuring you can find the perfect solution for your shipment.

## Features

- 1, 2, and 3-layer solutions available
- Easy handling
- Temperature, sunlight, and water protection
- Off-the-shelf and bespoke solutions are available

For more information please contact Intelsius UK [compliance@intelsius.com](mailto:compliance@intelsius.com)

# PALLETGUARD

## PALLETGUARD LIGHT



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PalletGuard Light pallet covers give users an easy-to-store, easy-to-use solution offering thermal protection against hot and cold temperatures. These lightweight covers can be purchased in various sizes, with made-to-order options for uniquely sized payloads.

These solutions can be used in conjunction with passive pallet shippers protecting your payload during critical points in the cold chain.

- Single-layer thermal protection using bubble wrap with single insulating lining
- Recommended for use in conjunction with passive shippers



### PALLETGUARD LIGHT EURO

Code	Product Name	Cover Dimensions (L x W X H)	Mass	Material Thickness	Reflectivity	Thermal Resistance
PGLEU100	PalletGuard Light Euro Cover 100	1200 x 800 x 1000 mm 47.2 x 31.5 x 39.4 in	0.72 kg 1.59 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLEU120	PalletGuard Light Euro Cover 120	1200 x 800 x 1200 mm 47.2 x 31.5 x 47.2 in	0.84 kg 1.85 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLEU140	PalletGuard Light Euro Cover 140	1200 x 800 x 1400 mm 47.2 x 31.5 x 55.1 in	0.96 kg 2.12 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLEU160	PalletGuard Light Euro Cover 160	1200 x 800 x 1600 mm 47.2 x 31.5 x 63.0 in	1.07 kg 2.36 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W

### PALLETGUARD LIGHT IMPERIAL

Code	Product Name	Cover Dimensions (L x W X H)	Mass	Material Thickness	Reflectivity	Thermal Resistance
PGLUS100	PalletGuard Light Imperial Cover 100	1200 x 1000 x 1000 mm 48 x 40 x 40 in	0.84 kg 1.85 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLUS120	PalletGuard Light Imperial Cover 120	1200 x 1000 x 1200 mm 48 x 40 x 48 in	0.98 kg 2.16 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLUS140	PalletGuard Light Imperial Cover 140	1200 x 1000 x 1400 mm 48 x 40 x 55 in	1.09 kg 2.40 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W
PGLUS160	PalletGuard Light Imperial Cover 160	1200 x 1000 x 1600 mm 48 x 40 x 63 in	1.23 kg 2.71 lbs	3.5mm	95-97%	R=0.105 (K*m <sup>2</sup> )/W

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# PALLETGUARD

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A durable double-layered pallet cover that provides significant thermal protection for your payload. Made using a double layer of high-grade Isohood insulating foil and bubble wrap PalletGuard is an ideal solution for maintaining the temperature of pallets across critical points in the cold chain.

- Double layer thermal protection using bubble wrap with double-sided insulating foil lining
- Primary protection for CRT shipments
- Secondary protection to extend the performance of passive pallet shippers.



## PALLETGUARD EURO

Code	Product Name	Cover Dimensions (L x W X H)	Mass	Material Thickness	Reflectivity	Thermal Resistance
PGCEU100	PalletGuard Euro Cover 100	1200 x 800 x 1000 mm 47.2 x 31.5 x 39.4 in	1.65 kg 3.64 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCEU120	PalletGuard Euro Cover 120	1200 x 800 x 1200 mm 47.2 x 31.5 x 47.2 in	1.91 kg 4.21 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCEU140	PalletGuard Euro Cover 140	1200 x 800 x 1400 mm 47.2 x 31.5 x 55.1 in	2.18 kg 4.81 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCEU160	PalletGuard Euro Cover 160	1200 x 800 x 1600 mm 47.2 x 31.5 x 63.0 in	2.44 kg 5.38 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W

## PALLETGUARD IMPERIAL

Code	Product Name	Cover Dimensions (L x W X H)	Mass	Material Thickness	Reflectivity	Thermal Resistance
PGCUS100	PalletGuard Imperial Cover 100	1200 x 1000 x 1000 mm 48 x 40 x 40 in	1.92 kg 4.23 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCUS120	PalletGuard Imperial Cover 120	1200 x 1000 x 1200 mm 48 x 40 x 48 in	2.22 kg 4.89 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCUS140	PalletGuard Imperial Cover 140	1200 x 1000 x 1400 mm 48 x 40 x 55 in	2.48 kg 5.47 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W
PGCUS160	PalletGuard Imperial Cover 160	1200 x 1000 x 1600 mm 48 x 40 x 63 in	2.79 kg 6.15 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W

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# PALLETGUARD

## PALLETGUARD+



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PACKAGING

PalletGuard+ combines our high-performance PalletGuard pallet covers with conditioned water blankets for greater levels of thermal protection. PalletGuard+ is ideal for low-mass pallets, with the added mass from the water blankets significantly reducing heat transfer from the payload.

This heat transfer reduction, combined with the insulating properties of PalletGuard, gives users high-performance pallet covers designed to offer short-term primary protection of payloads that need to be maintained at 2-8°C or long-term protection for controlled room temperature shipments.

- Double layer thermal protection combined with additional water blanket layers provide maximum performance
- Easy disposal of water blankets
- Offers primary or secondary protection against hot and cold temperature exposure



### PALLETGUARD+ EURO

Code	Product Name	Cover Dimensions (L x W X H)	Total Mass	Material Thickness	Reflectivity of Cover	Thermal Resistance of Cover	Water Blankets Included
PGPEU100	PalletGuard+ Euro Cover 100	1200 x 800 x 1000 mm 47.2 x 31.5 x 39.4 in	32.85 kg 72.42 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 280cm / 110in 2 x 308cm / 121in
PGPEU120	PalletGuard+ Euro Cover 120	1200 x 800 x 1200 mm 47.2 x 31.5 x 47.2 in	37.31 kg 82.25 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 308cm / 121in 2 x 364cm / 143in
PGPEU140	PalletGuard+ Euro Cover 140	1200 x 800 x 1400 mm 47.2 x 31.5 x 55.1 in	42.38 kg 93.43 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 364cm / 143in 2 x 392cm / 154in
PGPEU160	PalletGuard+ Euro Cover 160	1200 x 800 x 1600 mm 47.2 x 31.5 x 63.0 in	45.64 kg 100.6 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 392cm / 154in 2 x 420cm / 165in

### PALLETGUARD+ IMPERIAL

Code	Product Name	Cover Dimensions (L x W X H)	Total Mass	Material Thickness	Reflectivity of Cover	Thermal Resistance of Cover	Water Blankets Included
PGPUS100	PalletGuard+ Imperial Cover 100	1200 x 1000 x 1000 mm 48 x 40 x 40 in	41.52 kg 91.54 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	6 x 308cm / 121in
PGPUS120	PalletGuard+ Imperial Cover 120	1200 x 1000 x 1200 mm 48 x 40 x 48 in	47.22 kg 104.10 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 336cm / 132in 3 x 364cm / 143in
PGPUS140	PalletGuard+ Imperial Cover 140	1200 x 1000 x 1400 mm 48 x 40 x 55 in	51.08 kg 112.61 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	3 x 364cm / 143in 3 x 392cm / 154in
PGPUS160	PalletGuard+ Imperial Cover 160	1200 x 1000 x 1600 mm 48 x 40 x 63 in	56.79 kg 125.20 lbs	7mm	95-97%	R=0.184 (K*m <sup>2</sup> )/W	6 x 420cm / 165in

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