Reusable Thermal Covers With Unrivaled Design

Silverskin® RE is a reliable, reusable thermal cover product line built on a full refurbishment model, offering a dependable, sustainable alternative to single-use solutions. Available in configurations for both single-pallet and PMC-sized shipments, Silverskin RE uses compressible insulation to protect temperature-sensitive products from short-term ambient fluctuations during loading, unloading, cross-docking, and warehouse handling.

Silverskin RE covers are designed for ease of use and feature a cleanable, weather-resistant exterior that shields against direct sunlight and provides a protective barrier against environmental exposure.



Key Features

- Refurbished after each use through CSafe's reuse process
- Durable, weather-resistant exterior surface material
- Supports sustainability goals through reduced waste
- Available in US and EU single-pallet sizes and PMC sizes
- Designed for efficient, consistent handling
- Protective barrier against UV and direct sunlight, dust and debris
- Compressible insulation mitigates temperature exchange

SilverskinRE

Technical Specifications: US and EU Pallet

Silverskin RE features 12-layer compressible insulation and built-in height adjustability, available in both US and EU pallet sizes. A zip-closure door enables one-person operation and a built-in document wallet keeps documentation with the shipment at every handling point.

Product Name	Description	Temperature Range	Vis Reflectivity	Insulator Emissivity	R-Value	Thickness	Adjustable Height	Weight
Silverskin RE	12 layer compressible insulation	+2°C to +8°C +15°C to +25°C	77%	0.072	1.01-1.28 (m2.K)/W	43 mm 1.69 in	0.9 to 1.2 m 1.2 to 1.5 m	925 gsm 0.19 lbs/ft²

Specified measurements are subject to minor variation due to rounding and unit conversion between metric and imperial system.

Payload
US & EU Pallet

Temperature range
+2°C to +8°C
+15°C to +25°C

Technical Specifications: PMC

Silverskin RE PMC features 6-layer compressible insulation and is a PMC-sized cover accommodating up to 8 Euro pallets or 6 US pallets. Its modular construction enables efficient, consistent application and removal, thereby minimizing handling time.

Product Name	Description	Temperature Range	Vis Reflectivity	Insulator Emissivity	R-Value	Thickness	Height	Weight
Silverskin RE PMC	6 layer compressible insulation	+2°C to +8°C +15°C to +25°C	77%	0.072	0.511 (m2.K)/W	19 mm 0.75 in	1.5 m (PMC 1500 / Lower Deck)	889 gsm 0.182 lbs/ft²

Specified measurements are subject to minor variation due to rounding and unit conversion between metric and imperial system.

Payload
PMC

Temperature range
+2°C to +8°C
+15°C to +25°C

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Thermal Protection Between Risk Points



Silverskin® thermal covers help protect your temperature-sensitive products against thermal damage in transit. Our thermal covers slow down temperature exchange by guarding against short temperature spikes that can threaten your temperature-sensitive products' integrity, often experienced during loading and off-loading, cross docking and even the most demanding packing and warehouse conditions.

Manufactured from strong, flexible, protective insulation materials and available in grades to suit different performances and budgets, our portfolio comprises thermal covers that offer thermal protection across all modes of transport. This helps keep temperature-sensitive products safe within their specified ship-to label claims throughout the duration of their journey.

Key Features

- Various grades and thicknesses
- Highly reflective
- Water resistant
- Mitigates temperature exchange
- Tamper evident security barrier
- Cost-effective solution
- Minimal storage requirements
- Protects during breaks in the cold chain

Silverskin

Technical Specifications

Product Name	Description	Temperature Range	Infrared Reflectivity (6000-14000 NM)	Solar Reflectivity (400-700 NM)	Thickness	Weight
Silverquilt	19 layer compressible multilayer insulation	+2°C to +8°C +15°C to +25°C	≤94%	≤85%	40.0 mm 1.58 in	764 gsm 0.156 lbs/ft²
Silverskin SQ6	6 layer compressible multilayer insulation	+2°C to +8°C +15°C to +25°C	≤94%	≤85%	19.0 mm 0.75 in	285 gsm 0.058 lbs/ft²
Silverskin PB 500	Twin air cell layer insulation with reflective surfaces	+15°C to +25°C	≤97%	≤90%	6.5 mm 0.27 in	325 gsm 0.067 lbs/ft²
Silverskin PH 300	Lightweight non-woven foil	+2°C to +30°C	≤97%	≤90%	0.5 mm 0.02 in	165 gsm 0.034 lbs/ft²

Specified measurements are subject to minor variation due to rounding and unit conversion between metric and imperial system.

Payload (liters)
All footprints and heights

Temperature range
+2°C to +8°C
+15°C to +25°C
+2°C to +30°C

Duration (hours)
up to 8

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