Silverskin

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

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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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