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STOROpack

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System solution 7 l


System solution 18 l


System solution 21 l


System solution 33 l

Thermoshipping

Storopack develops and produces efficient thermal packs, which are precisely tailored to the product in question and take into account climatic conditions during transportation and storage. So temperature-sensitive goods in the 2-8°C range can be shipped securely, quickly and cost-effectively.

System solutions for temperature-controlled transport for up to 48 hours in the 2-8°C range

Pre-qualified, available ex works and affordably priced

Storopack offers four pre-qualified box sizes for temperature-controlled transport for up to 48 hours in the 2-8°C range. These system solutions are available ex works and the minimum order is one piece. All solutions are pre-qualified based on European standard AFNOR NF S99-700 for the purpose of documenting performance.
Each certification process was carried out without transport goods with empty pack space, or the “worst case”.

All system solutions include the following components:

- Polystyrene box
- Cooling agent (foam bricks)
- Outer/Shipping Carton
- Inner Carton (payload)
- Packing Instructions
- Certification Report

Advantages:

- Easy to handle
- No additional intermediate layer between the cooling agent and the inner carton (payload box)
- Large usable volume compared to overall volume
- The outer dimensions of the EPS boxes match the dimensions of a europallett: optimum use of packing space and warehouse resources

System Solutions Overview

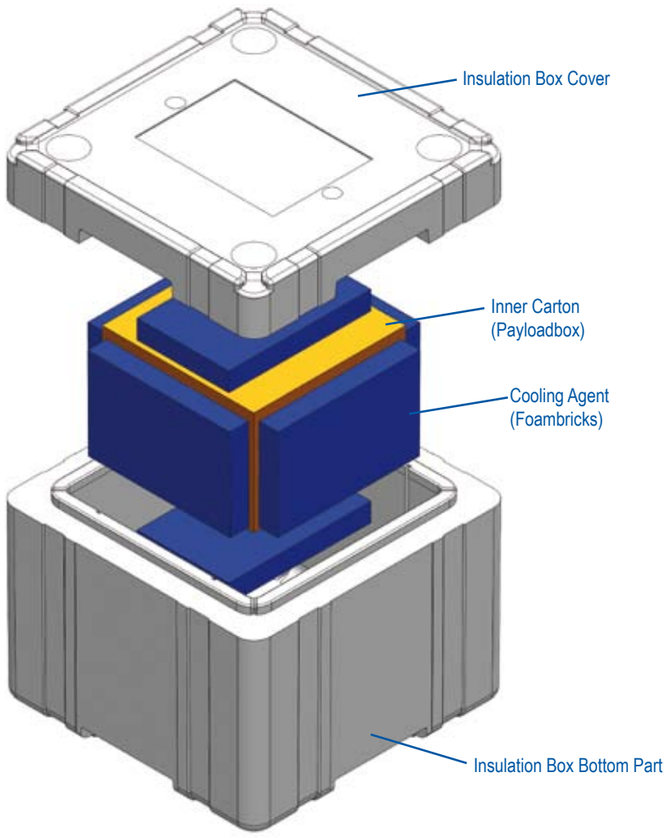
System box	Outer dimensions in mm	Usable dimensions in mm	Usable volume in litres	Unladen weight including cooling agent
System box 7 l	390 x 390 x 334	214 x 214 x 148	7	6.551 g
System box 18 l	596 x 396 x 367	426 x 236 x 182	18	10.334 g
System box 21 l	596 x 396 x 454	411 x 211 x 244	21	18.824 g
System box 33 l	750 x 570 x 356	566 x 386 x 152	33	20.137 g

System Box with 7 L Usable Volume

This design with 7 litres of usable volume is the smallest box in the 48 hour system solutions product range. Ideally suited for compact, temperature-sensitive products or special pharmaceuticals. The square inner carton protects the goods from direct contact with the cooling agent (foam bricks). This thermal box offers clear advantages during handling with an unladen weight of only 6,551 g.

Product Information

- Outside Dimensions: 390 x 390 x 334 mm
- Inner Carton Dimensions: 214 x 214 x 148 mm
- Usable Volume: 7 litre
- Cooling Agent: 6 foam bricks each weighing 851 g
- Total weight of packaging including all cooling agents and cardboard packaging: 6.551 g

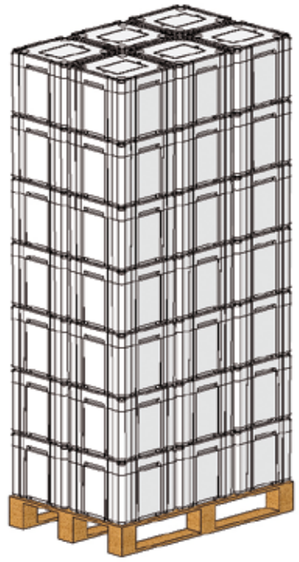


Packing Information

A foam brick is placed on the bottom of the insulation box, the packed inner carton is placed on top and the side walls are lined with four foam bricks. The sixth foam brick is ultimately placed on the inner carton, the cover of the insulation box is closed and the carton is prepared for shipping with duct tape.

The empty bottom part of the insulation box can be used in the outer carton right from the start for better handling.

We will provide you with detailed packing instructions.



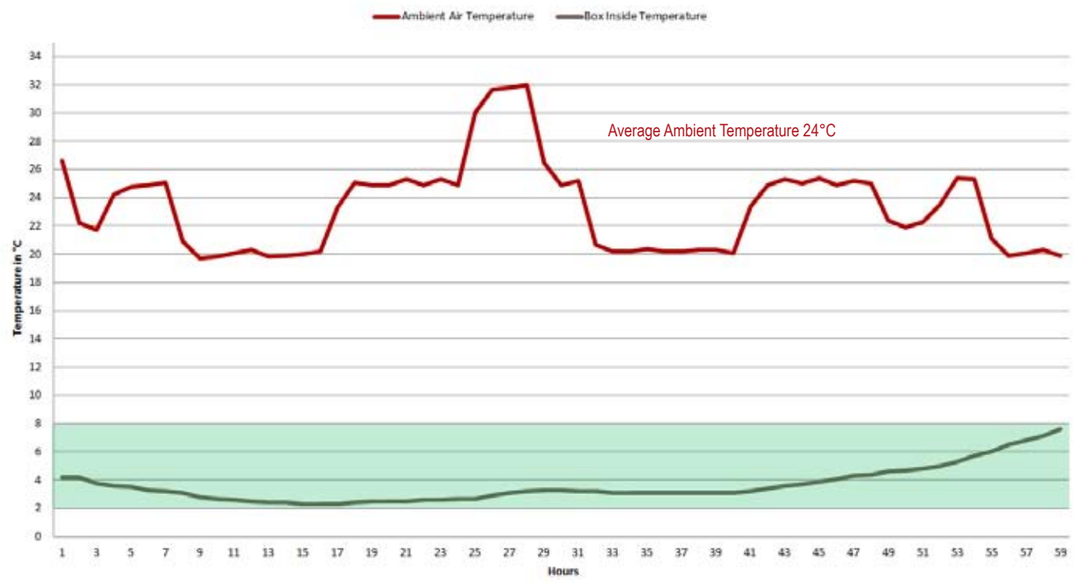
"A professional packaging solution for small-volume shipments, immediately available ex works including all components."

> Up to 42 boxes can be stacked onto a pallet (800 x 1200 mm) without loss of space
> Total pallet height: max. 2.46 m

Temperature Simulation in the Climate Chamber

Parameters:

- Ambient Temperature: Based on AFNOR Profile NF S99-700 with an average temperature of 24°C
- 5,106 g cooling agent in the form of foam bricks
- Empty pack space (worst case scenario) so that you are on the safe side



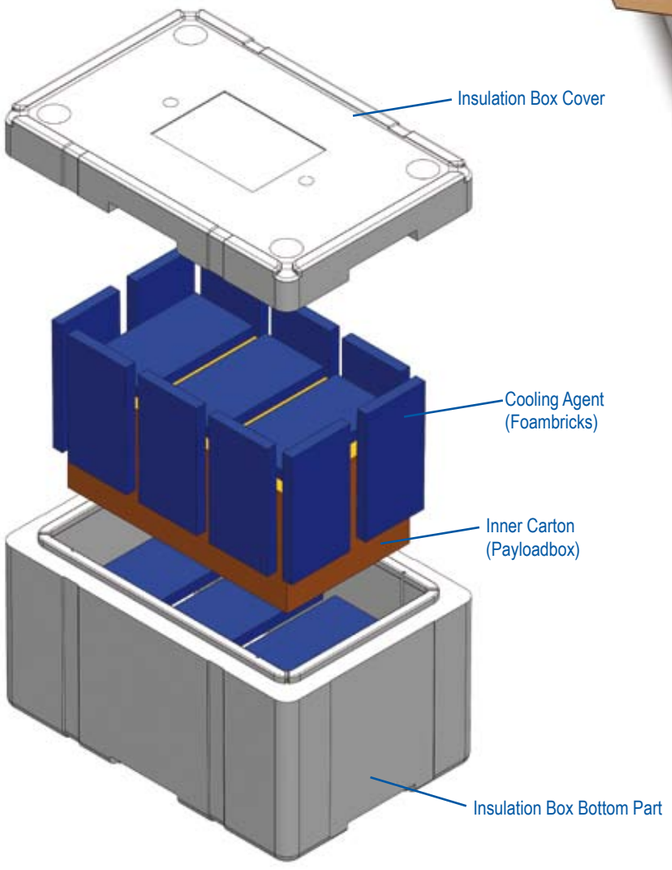
Result: The required 2-8°C range inside of the box is exceeded after 59 hours.

System Box with 18 L Usable Volume

This system box with 18 litres of volumetric space offers various usage possibilities. Thanks to the rectangular form of the insulation box, longer or flat-lying objects can also be packed without having to resort to a bigger box. The 16 foam bricks guarantee uniform temperature control of the goods and lie flat around the entire inside carton.

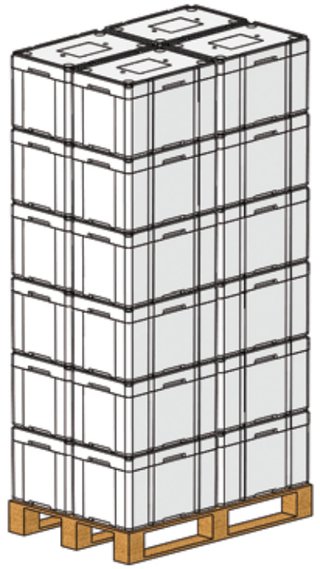
Product Information

- Outside Dimensions: 596 x 396 x 367 mm
- Inner Carton Dimensions: 426 x 236 x 182 mm
- Usable Volume: 18 litre
- Cooling Agent: 16 foam bricks each weighing 482 g
- Total weight of packaging including all cooling agents and cardboard packaging: 10.334 g



Packing Information

Three foam bricks are placed on the bottom of the insulation box, the packed inner carton is placed on top and the side walls are lined with ten foam bricks. The last three foam bricks are ultimately placed on the inner carton, the cover of the insulation box is closed and the carton is prepared for shipping with duct tape.
The empty bottom part of the insulation box can be used in the outer carton right from the start for better handling.
We will provide you with detailed packing instructions.

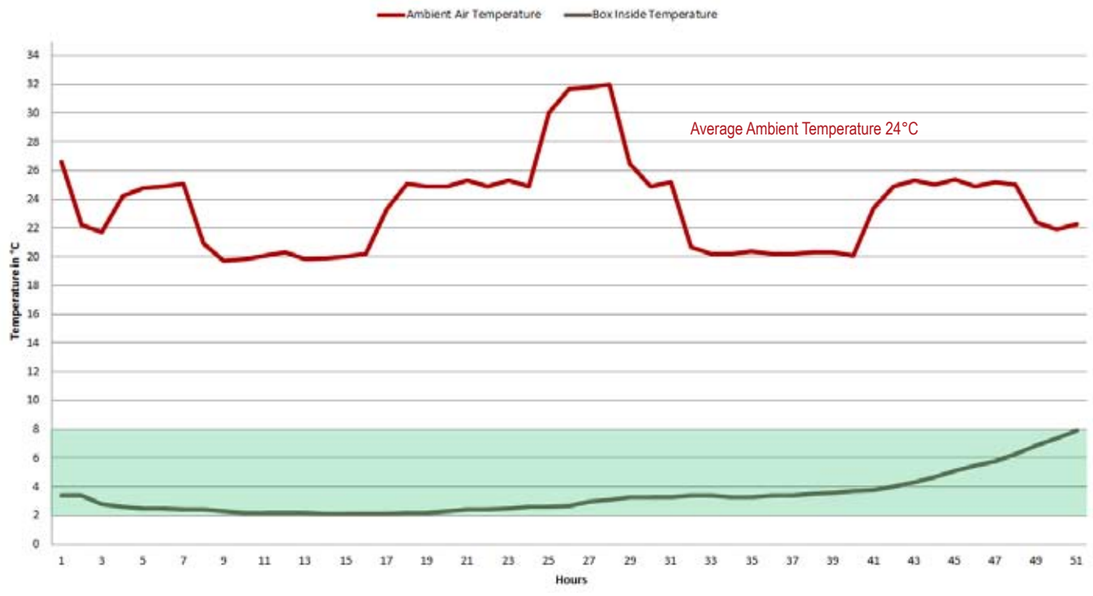


"The perfect mid-range. The elongated shape of the box allows for flat insertion of shipped goods and makes optimum use of the packing space."

> Up to 24 boxes can be stacked onto a pallet (800 x 1200 mm) without loss of space
> Total pallet height: max. 2.33 m

Temperature Simulation in the Climate Chamber

Parameters:
- Ambient Temperature: Based on AFNOR Profile NF S99-700 with an average temperature of 24°C
- 7,712 g cooling agent in the form of foam bricks
- Empty pack space (worst case scenario) so that you are on the safe side



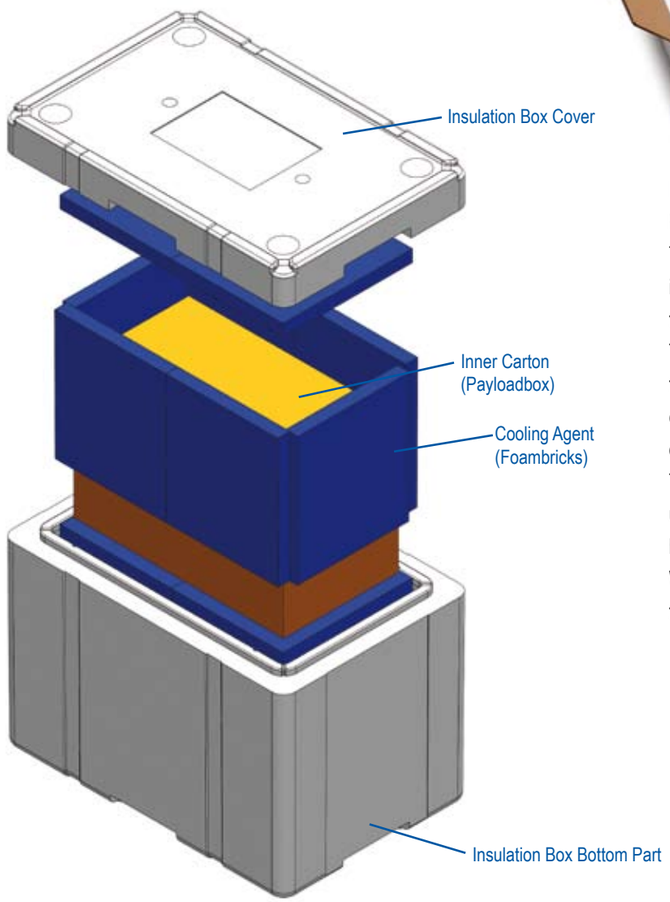
Result: The required 2-8°C range inside of the box is exceeded after 51 hours.

System Box with 21 L Usable Volume

Particularly tall and particularly long - these are the distinguishing characteristics of this design, thereby making them an all-rounder for shipping temperature-sensitive goods. With only 10 batteries, the box can be quickly loaded. At the same time, it offers a 2-8°C temperature holding time exceeding 48 hours for a summer scenario with an average ambient temperature of 24°C.

Product Information

- Outside Dimensions: 596 x 396 x 454 mm
- Inner Carton Dimensions: 411 x 211 x 244 mm
- Usable Volume: 21 litre
- Cooling Agent: 10 foam bricks each weighing 1.588 g
- Total weight of packaging including all cooling agents and cardboard packaging: 18.824 g



Packing Information

Packing Information

Two foam bricks are placed on the bottom of the insulation box, the packed inner carton is placed on top and the side walls are lined with six foam bricks. The last two foam bricks are ultimately placed on the inner carton, the cover of the insulation box is closed and the carton is prepared for shipping with duct tape.

The empty bottom part of the insulation box can be used in the outer carton right from the start for better handling.

We will provide you with detailed packing instructions.

Thermoshipping
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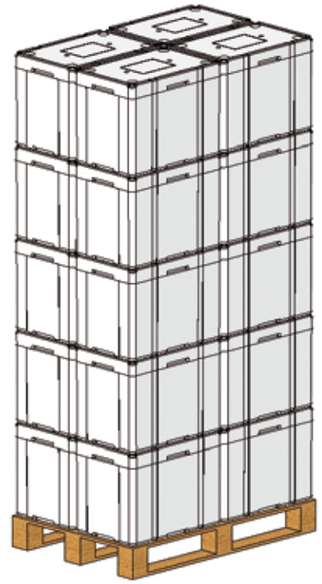


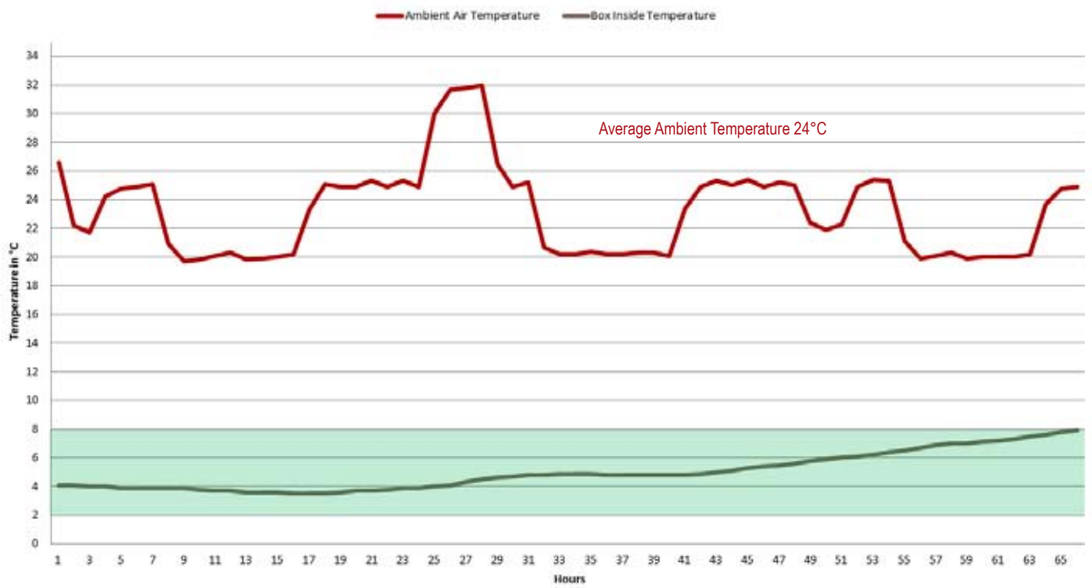
"The flexible all-rounder even for tall packages. Just ten foam bricks allow for optimum performance lasting more than 48 hours."

> Up to 20 boxes can be stacked onto a pallet (800 x 1200 mm) without loss of space
> Total pallet height: max. 2.40 m

Temperature Simulation in the Climate Chamber

Parameters:

- Ambient Temperature: Based on AFNOR Profile NF S99-700 with an average temperature of 24°C
- 15,876 g cooling agent in the form of foam bricks
- Empty pack space (worst case scenario) so that you are on the safe side



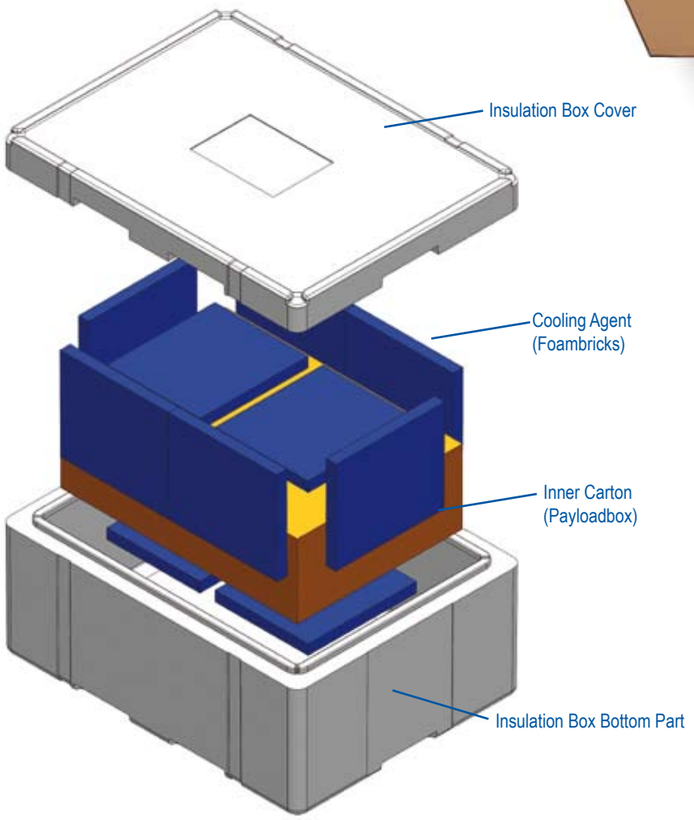
Result: The required 2-8°C range inside of the box is exceeded after 65 hours.

System Box with 33 L Usable Volume

This design with 33 litres of usable volume is the largest variant in Storopack's 48 hour system solution line. 14 of these XL boxes can be stacked on a standard 800 x 1200 mm europallet without loss of space, thereby offering an overall usage volume of approximately 465 litres per pallet. Additional advantages: Easy to handle and quick to fill with only 10 foam bricks per box.

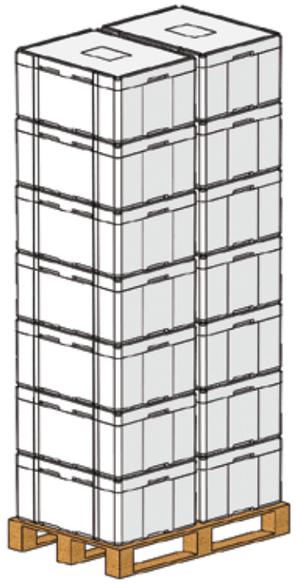
Product Information

- Outside Dimensions: 750 x 570 x 356 mm
- Inner Carton Dimensions: 566 x 386 x 152 mm
- Usable Volume: 33 litre
- Cooling Agent: 10 foam bricks each weighing 1.588 g
- Total weight of packaging including all cooling agents and cardboard packaging: 20.137 g



Packing Information

Two foam bricks are placed on the bottom of the insulation box, the packed inner carton is placed on top and the side walls are lined with six foam bricks. The last two foam bricks are ultimately placed on the inner carton, the cover of the insulation box is closed and the carton is prepared for shipping with duct tape.
The empty bottom part of the insulation box can be used in the outer carton right from the start for better handling.
We will provide you with detailed packing instructions.

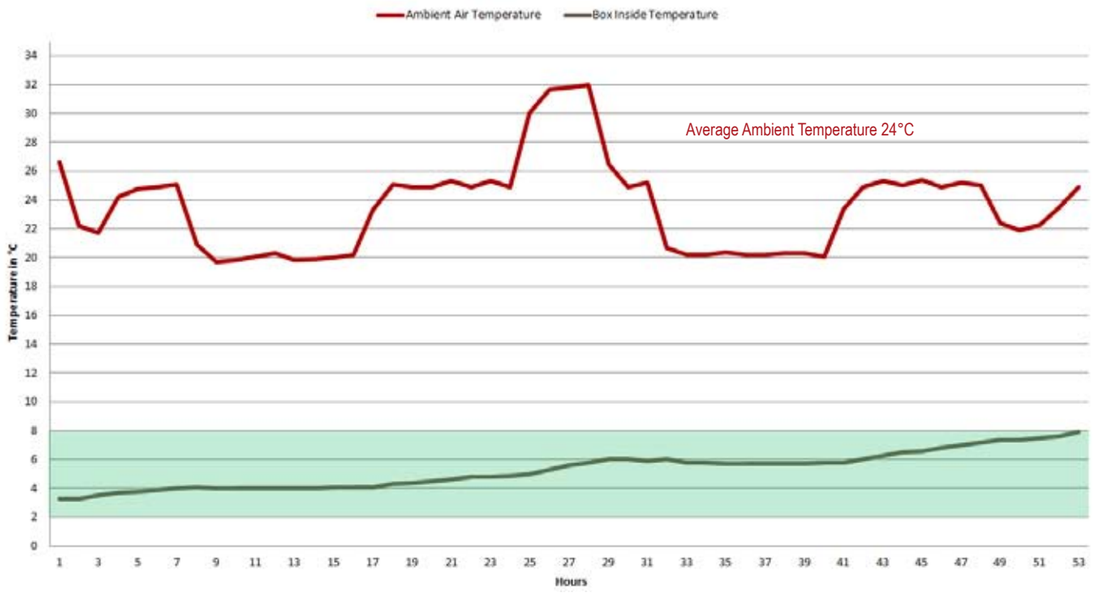


"Maximum usable volume for large containers or elongated primary packaging. An XL champion with a relatively low unladen weight."

> Up to 14 boxes can be stacked onto a pallet (800 x 1200 mm) without loss of space
> Total pallet height: max. 2.62 m

Temperature Simulation in the Climate Chamber

Parameters:
- Ambient Temperature: Based on AFNOR Profile NF S99-700 with an average temperature of 24°C
- 15,876 g cooling agent in the form of foam bricks
- Empty pack space (worst case scenario) so that you are on the safe side



Result: The required 2-8°C range inside of the box is exceeded after 53 hours.