

ChillTech® Cargo



ChillTech Cargo systems feature our high performance organic PCM to provide the greatest level of +2°C to +8°C temperature control. These high capacity shipping systems are specially designed for LD7 aircraft pallets and to deliver exceptional performance in extreme ambient conditions or on challenging routes.

- Fully qualified range of +2°C to +8°C PCM shippers tested to ISTA temperature profiles from the 7D and 7E Series
- Uses **ChillPhase**, our sustainably sourced organic PCM which delivers reliable and robust temperature control, even in the most challenging of conditions
- If cargo is refrigerated during transit, PCM will hibernate and re-activate when ambient temperatures rise again, prolonging the service duration of the system
- Flat packed for easy storage and return
- Class leading payload capacity for maximum efficiency
- All year packing configuration simplifies pack out and reduces the risk of error
- Quick and easy to assemble with simple printed guides or YouTube videos to quickly train staff with minimal disruption
- Bottle packs are visible during assembly allowing ongoing and final peace of mind checks, prior to outer walls being attached
- Replacement parts available for refurbishment to extend life and maximise asset value

Chill
+2°C to +8°C

Ambi
+15°C to +25°C

Climi
+2°C to +25°C

Freeze
0°C to -80°C

ChillTech® Cargo



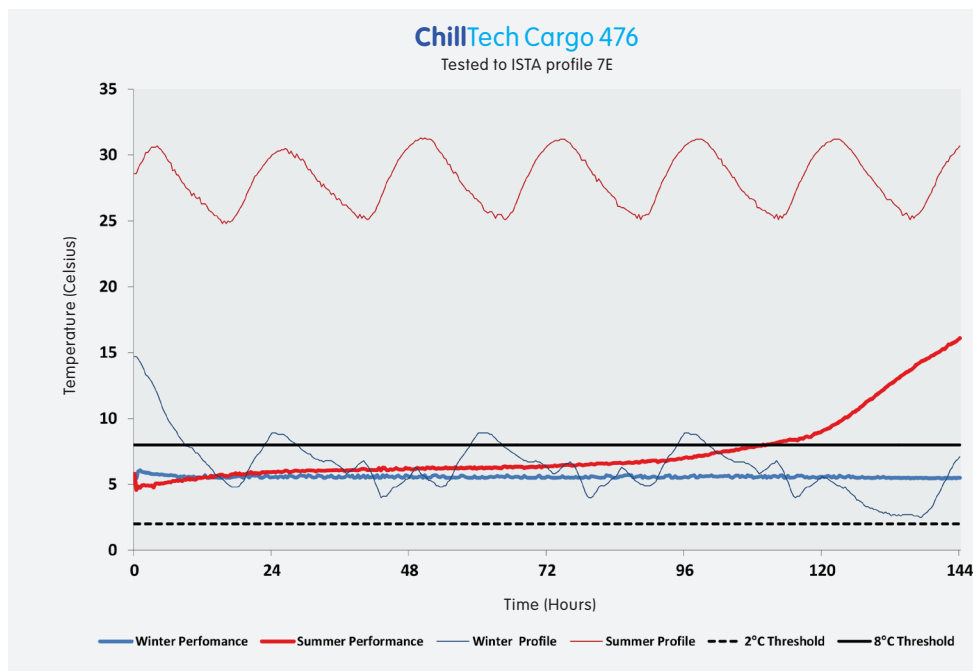
Phase Change Materials (PCMs) are substances that absorb and release thermal energy during the process of melting and freezing. When a PCM freezes, it releases a large amount of energy in the form of latent heat. When it melts, it absorbs a large amount of heat from the environment. PCMs recharge as ambient temperature fluctuates, making them ideal for temperature control applications.

ChillTech Cargo Range

ChillTech Product	External Dimensions (mm)	Payload Dimensions (mm)	Payload Volume (l)	Tare Weight (kg)	Volumetric Weight (kg)
ChillTech Cargo 476	1200 x 1000 x 1295*	890 x 690 x 775	475.9	147.0*	259.0*
ChillTech Cargo 1313 (1/4 PCM)	1568 x 1197 x 1592*	1270 x 899 x 1150	1313	228.5*	498.0*

*Including pallet

ChillTech Cargo 476 Test Profile Results



ChillTech Cargo 476
tested to ISTA 7E profile.

Test conditions:

- Test load – 1080 x 3ml liquid filled syringes
- Multiple thermocouples placed around the payload

Other profile results, including ISTA 7D, available on request.

More from our Cargo Range:

ChillTherm +2°C to +8°C



- Cargo 506
- Cargo 1313 (1/4 PCM)

AmbiTherm +15°C to +25°C



- Cargo 506
- Cargo 1313 (1/4 PCM)

ClimiTherm +2°C to +25°C



- Cargo 506
- Cargo 1313 (1/4 PCM)

Chill
+2°C to +8°C

Ambi
+15°C to +25°C

Climi
+2°C to +25°C

Freeze
0°C to -80°C