

KoolTemp™ GTS-342 Shipping System

Pre-Qualified Cold Chain Solutions

Product Features

- Universal (year-round packout)
 - pre-qualified at 2°C to 8°C for 5 days or 120 hours
- Easy packout – a simple 1-2-3 packout using our Koolit® refrigerants
- Holds payload up to 14" x 14" x 14"
- Replacement components available and sold separately
- Environmentally safe, recyclable shipper containers no ozone-depleting chemicals
- Stock item – Immediate delivery
- Payload-specific qualification testing performed upon request
- Versatile – designed for international and long-term domestic shipments

5 Day (120 Hour) Pre-Qualified 2°C to 8°C Universal Cold Chain Shipper

Joining the highly praised KoolTemp GTS-77, the GTS-342 provides 5 days or 120 hours of 2°C to 8°C protection under extreme weather conditions. With its large 14 inch cubic payload area, the robust GTS-342 provides ample space for long-term domestic and international shipment of temperature-sensitive pharmaceutical, biotech, healthcare products, and medical devices.

The GTS-342 has been pre-qualified in our ISTA-certified and cGMP-compliant labs at minimum and maximum loads, under both summer and winter conditions. This valuable information facilitates cost-saving shipping decisions. Payload-specific qualification testing will be performed upon request.

Featuring a 1-2-3 process packout, the GTS-342 provides for quick turnaround of shipments. The GTS-342's modular components are EPA compliant, recyclable, replaceable, and re-useable under proper conditions.

The GTS-342 features the same high R-value custom polyurethane formulation as other KoolTemp GTS systems. This polyurethane exceeds the performance of all other foams including: expanded polystyrene (EPS), extruded polystyrene (XPS),



KoolTemp GTS-342 Shipping System

2-9

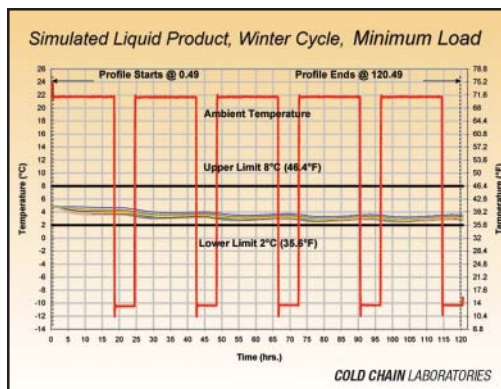
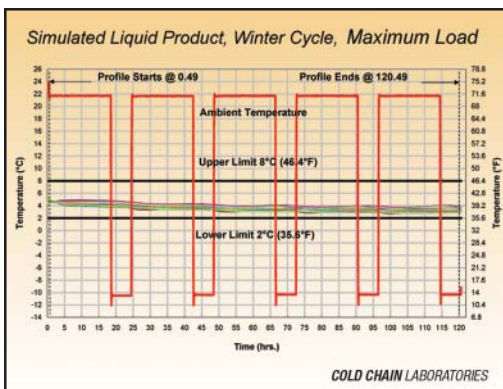
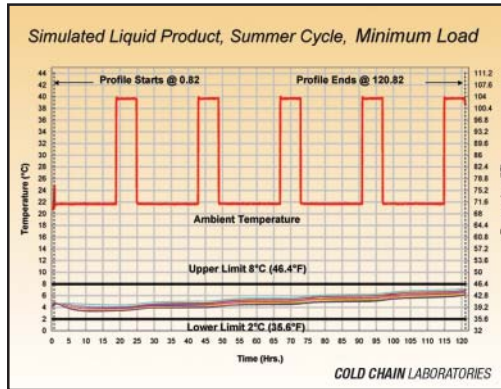
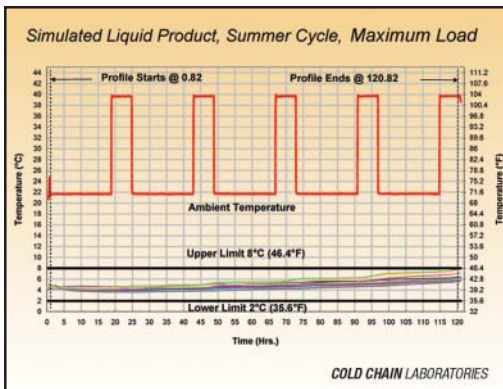
and other rigid polyurethanes. The octagonal GTS-342 is thermally charged and balanced by fitting the Koolit bricks into their separate coolant compartments away from the product area. The entire container is then thermally sealed using a uniquely shaped hard cover that securely fits onto the base.

The intelligently designed, and attractive GTS-342 is perfect for the long haul, whether around the country or the globe.



Koolit GTS-342 Specifications

Part Number	Standard Components	Quantity per System	Quantity per Case	Dimensions (L x W x H)	Weights for System Components
U342-MB	Rigid PUR Base	1	–	31.375" x 31.375" x 21.75" OD	14.90 lb.
U342-MI	Rigid Molded Inner Container	1	–	17.875" x 17.875" x 17.875" OD	2.45 lb.
326F	Koolit® Refrigerant Foam Bricks	4	8	14" x 7" x 1.5" OD	20.50 lb.
141414-C	Payload Box, RSC, E-Flute	1	–	14" x 14" x 14" ID	1.35 lb.
334FSB3	Koolit® Refrigerant Saddlebricks <i>Each consisting of three compartmentalized bricks</i>	4	4	48" x 7" x 1" OD	42.40 lb.
U342-MT	Rigid PUR Lid <i>Includes white B-flute packout instructions</i>	1	–	31.375" x 31.375" x 3.25" ID	5.05 lb.
313125-C/CT	Outer Corrugated Container	1	–	32.0625" x 32.0625" x 24.375" OD	4.95 lb.
Total Actual Shipping Weight (without product payload and pallet)					~91.60 lb.



Time-temperature graphs illustrate performance of the KoolTemp GTS-342 under the varied testing conditions. Ambient temperatures are displayed with red lines, and 2°C to 8°C temperature boundaries are displayed with black lines. Internal payload temperatures measured by thermocouples during testing are shown with multiple colored lines.

Copyright © 2006, Cold Chain Technologies. All rights reserved.

Koolit® is a registered trademark, and Cold Chain Technologies, KoolDesigns™, and KoolTemp™ are trademarks of Cold Chain Technologies.

COLD CHAIN TECHNOLOGIES
Engineered Solutions for Thermal Packaging

Cold Chain Technologies
29 Everett Street
Holliston, MA 01746

T: 800.370.8566 / 508.429.1395
F: 508.429.9056
W: www.coldchaintech.com
E: info@coldchaintech.com