

TempTrust™ Foam Containers & Related Packaging Materials

For the packaging of qualified temperature sensitive shipments



TempTrust™
by Mesa Labs

US and Canadian Edition
V1.3 1-15-16



The TempTrust Advantage

Specialized solutions that not only conform to industry-specific regulatory requirements, but also use specialized temperature profile data to assure performance and quality:



- Use less refrigerant
- Optimize gel pack conditioning
- Durable and recyclable
- Reduce container weight
- Minimize pack-out failures
- Fast time-to-market

Surpasses regulatory standards and reduces total cost-of-ownership

Every packaging solution is fully qualified against specific temperature profiles that take into account your transportation processes and geographical region.



Products are available as a complete system or individual components



TempTrust is available as both a single use and multi-use platform, depending on the model. They are all available in three temperature performance ranges: 2°C to 8°C, 2°C to 25°C and 15°C to 25°C with custom profiles available for volume orders.

Packaging is available as a complete solution (Corrugate, EPS, PCM, and vacuum panels) or can be ordered separately as components. All TempTrust Extreme products are available in either a single-use or durable, reusable platform.

About our TempTrust EPS / EPP / PUR Shells

TempTrust is available as both a single use and multi-use platform, depending on the model. They are all available in three temperature performance ranges: 2°C to 8°C, 2°C to 25°C and 15°C to 25°C with custom profiles available for volume orders.





STANDARD INSULATED SHIPPING CONTAINERS

Produced from molded expanded polystyrene to provide economical, tough - lightweight protective packaging - ideal for mailing or shipping. Packaging is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse. Special ribbing in the bottom prevents melting ice water from making contact with your product. TempTrust expanded polystyrene does not contain CFC's and is recyclable where facilities exist.

MODEL # / DESCRIPTION	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1377013 9.8 litre volume insulated shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 0.75" thick Inner Dimensions: 14.87" x 9.5" x 4.25" Less rib height of 0.62" Volume: 9.8 litres 20 per poly bag 10 lbs/bag 	100
1377014 16.7 litre volume insulated shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 0.75" thick Inner Dimensions: 14.87" x 9.5" x 7.25" Less rib height of .62" Volume: 16.7 litres 12 per poly bag 8 lbs/bag 	100
1377015 32 litre volume insulated shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 1" thick Inner Dimensions: 17" x 11.62" x 9 .87" Less rib height of 0.12" Volume: 32 litres 6 per poly bag 8 lbs/bag 	100
1377016 37.7 litre volume insulated shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 1.12" thick Inner Dimensions: 25.37" x 11.5" x 7.87" Less rib height of 0.37" Volume: 37.7 litres 6 per poly ba 9 lbs/bag 	100
1377011 12.1 litre volume bulk shipper with Lid			<ul style="list-style-type: none"> Lid, walls, & base are 1" thick Outer Dimensions: 13.81" x 12" x 8" Inner Dimensions: 12" x 10.25" x 6" Volume: 12.1 Litres 18 per poly bag 10 lbs/bag 8 bags per pallet 	108 - 252 500+
1377012 9.8 litre volume bulk shipper with lid			<ul style="list-style-type: none"> Lid, walls, & base are 1" thick Outer Dimensions: 19" x 19" x 15.69" Inner Dimensions: 17" x 17" x 13" Volume: 9.8 Litres 4 pieces per poly bag 8 bags / pallet 	52 - 100 500+





STANDARD INSULATED SHIPPING CONTAINERS

MODEL #	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1377088 5.8 litre volume insulated shipper with thick walls and lid			<ul style="list-style-type: none"> Lid, walls, and base are 2.37" thick Outer Dimensions: 13.25" X 11.5" X 11.5" Inner Dimensions: 8.5" x 6.75" x 6.75" Volume: 5.8 Litres 12 per poly bag 13.5 lbs/ bag 8 bags per pallet 	96 - 228 500+
1377092 7.2 litre volume insulated shipper with lid			<ul style="list-style-type: none"> Wall thickness varies from 1.66" to 2.5" Outer Dimensions: 13.25" x 11.5" x 11.5" Inner Dimensions: 9.87" x 6.75" x 7" Volume: 7.2 Litres. 12 per poly bag 12 lbs/bag 8 bags per pallet 	1000+
1377050 11 litre volume "CRC" model insulated shipper with lid			<ul style="list-style-type: none"> Wall Thickness: Lid & Walls 1.75" Outer Dimensions: 15" x 11.6 x 11.8" Inner Dimensions: 11" x 7.5" x 8.25" Volume: 11 Litres 12 Pieces per poly bag 13 lbs/bag 8 Bags per pallet 	1000+
1377051 11 litre volume model "CRC" insulated shipper with 1.75 pcf			<ul style="list-style-type: none"> Wall Thickness: Lid & Walls 1.75" Outer Dimensions: 15" x 11.6 x 11.8" Inner Dimensions: 11" x 7.5" x 8.25" Volume: 11 Litres 12 pieces per poly bag 13 lbs/bag 8 Bags per pallet 1.75 pcf – 6 per carton 	150
1377141 25 litre volume model "GG" insulated shipper with lid			<ul style="list-style-type: none"> Wall thickness: base & lid 1.5" Outer Dimensions: 19.25" x 13.625 x 11" Inner Dimensions: 16.25" x 10.625" x 8" Volume: 25 litres 6 pcs per poly bag Compatible with orbis CFP182 when used as an interior liner Also available in molded ARCEL material (different qty required) 	102 – 240 500+





STANDARD INSULATED SHIPPING CONTAINERS

MODEL	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1377132 71 litre volume insulated shipper with lid			<ul style="list-style-type: none"> • Wall thickness of base & lid: 1.5" • Outer Dimensions: 28.31" x 20.5 x 13.5" • Inner Dimensions: 25" x 17.25" x 10.25 • Volume: 71 litres • 4 pcs per polybag • 8 lb/bag • Recessed handles & stacking feature • 7 bags per pallet 	52 – 100 500+
1377017 3 litre volume insulated shipper with lid			<ul style="list-style-type: none"> • Walls are 0.75" Thick • Outer Dimensions: 6.25" X 8.25" X 9.25" • Inner Dimensions: 4" x 6" x 7" • Volume: 3.0 Litres • 44 Pcs/carton • 12 lbs/carton • 4 cartons/pallet 	120 500+
1377053 1.6 litre volume high insulation shipper with lid			<ul style="list-style-type: none"> • Walls are 1.5" Thick • Outer Dimensions: 6.25" x 8.25" x 9.25" • Inner Dimensions: 3" x 5" x 6.25" • Volume: 1.6 Litres • 44 PCs/carton • 12 lbs/carton • 4 cartons/pallet 	500
1377100 25 litre volume shipper with lid			<ul style="list-style-type: none"> • Wall thickness: Lid & Walls 1.81" • Outer dimensions: 18.12" x 13.5" x 14" • Inner dimensions: 14.5" x 9.6" x 11.4" • Volume: 25 liters • 10 per poly bag • 11 lbs./bag 	500+
1377071 32 litre volume square shipper with lid			<ul style="list-style-type: none"> • Lid, Walls, and Base are 1.5" Thick • Outer dimensions: 13.75" x 13.75" x 12" • Inner dimensions: 10.25" x 10.25" x 9.125" • Volume: 32 Litres • 12 per Poly Bag • 11lbs/bag • 8 bags per pallet 	500
1377135 48.2 litre high insulation, thick walled shipper with lid			<ul style="list-style-type: none"> • Lid, Walls, and Base are 2.5" Thick • Outer dimensions: 22.13" x 16.9" x 20" • Inner dimensions: 16.6" x 11.38" x 15" • Volume: 48.2 Litres • 2 per Poly Bag • 8lbs/bag • 10 bags per pallet 	300 2000





STANDARD INSULATED SHIPPING CONTAINERS

MODEL	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1377073 85 litre volume extra-large, insulated shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 2" Thick Outer dimensions: 26.37" x 20.5" x 20.25" Inner dimensions: 22" x 15" x 15.68" Volume: 85 Litres 2 per poly bag 10lbs/bag 6 bags per pallet 	300 1000
1377069 78 litre volume, extra-large, insulated square shipper with lid			<ul style="list-style-type: none"> Lid, walls, and base are 1.5" Thick Outer dimensions: 21" x 19.37" x 20.62" Inner dimensions: 18" x 15.25" x 17.5" Volume: 78 litres 2 per Poly Bag 6 lbs/bag Est 8 bags per pallet 	250 1000

VIAL SHIPPERS

TempTrust protective packaging systems for vials are produced from moulded expanded polystyrene to provide economical, tough - lightweight protective packaging - ideal for mailing or shipping of Type I and Type II bottle packs. Non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse. Does not contain CFCs and is recyclable where facilities exist.

MODEL	OUTER DESIGN	INTERIOR	DESCRIPTION
1377057 Type I combination bottle pac			<ul style="list-style-type: none"> Outer dimensions: 4.21" x 3.25 x 1.69" Mailer for either <ul style="list-style-type: none"> 3 x 5 cc - OR - 1 x 10 cc Vial 360 pcs / carton 9 lb / carton
1377018 Type II combination bottle pac			<ul style="list-style-type: none"> Outer dimensions: 4.21" x 3.25 x 1.69" Mailer for either: 4 x 5 ml. <ul style="list-style-type: none"> 3 x 10 ml. 2 x 15 ml. 360 pcs / carton 9 lb / carton





INSULTATED LAB SHIPPERS AND KING COOLERS

Produced from moulded expanded polystyrene to provide economical, tough, lightweight protective packaging - ideal for mailing or shipping. It is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse. Packaging does not contain CFCs and is recyclable where facilities exist.

INSULTATED LAB SHIPPERS

MODEL	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1377130 1.28 litre volume insulated lab shipper with lid			<ul style="list-style-type: none"> • Wall Thickness of Base & Lid: 1" • Outer dimensions: 8" x 6.5" x 5" • Inner dimensions: 6" x 4.25" x 3" • Volume: 1.28 liters • 65 per carton • 12lbs/carton • 8 cartons/pallet 	195-260 500+
1377147 3.87 litre volume insulated lab shipper with lid			<ul style="list-style-type: none"> • Wall Thickness: Lid & Walls 1.375" • Outer dimensions: 10.50" x 8.25" x 8.50" • Inner Dimensions: 7.75" x 5.50" x 5.75" • Volume: 3.87 liters • 24 per poly bag • 11 lbs./bag • 8 bags per pallet 	1000+

INSULTATED KING COOLERS

MODEL	DESIGN OPEN	DESIGN CLOSED	DESCRIPTION	PRICE BREAKS
1312433 41 litre volume insulated king cooler			<ul style="list-style-type: none"> • Wall thickness: lid & walls 1" • Inner dimensions: 24" x 15" x 15.5" • 1 piece packaged in corrugated carton • 43 quart (41 litre) 	101 – 250





TempTrust™ PUR Foam Containers for the US Market 8

STANDARD PUR INSULATED SHIPPING CONTAINERS FOR HARD BOTTLE PCMs

Produced from moulded urethane insulation to provide outstanding thermal performance. Rugged and lightweight, TempTrust protective packaging is ideal for multiple shipments. Developed around standard ISTA 7E profiles, each shipper is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse.

MODEL #	WALL THICKNESS	PAYLOAD BOX	OUTER DIMENSIONS	INNER DIMENSIONS	GELS	THERMAL BLANKETS	DURATION (HR)
038-38133	1.50	20x20x18	24x24x24	21x21x21	16	N/A	48
038-38119	1.00	21x21x18	24x24x24	22x22x22	16	N/A	48
038-38161	3.00	17x17x15	24x24x24	18x18x18	12	N/A	48
038-38152	2.00	19x19x17	24x24x24	20x20x20	12	N/A	48
038-38130	1.50	14x13x14	18x16x20	15x13x17	8	N/A	48
038-38118	1.00	15x13x15	18x16x20	16x14x18	8	N/A	42
038-38126	1.50	17x10x9	21x14x15	18x11x12	8	N/A	48
038-38127	1.50	10.5x10.5x4.25	14.5x14.5x11.24	11.5x11.5x8.24	6	2	42
038-38115	1.00	12x12x5.25	14.5x14.5x11.25	12.5 x 12.5 x 9.25	6	2	42
038-38150	2.00	13x11x12	18x16x20	14x12x16	6	2	36
038-38143	2.00	10x7x3.5	15x12x11.25	11x8x7.25	4	2	36
038-38159	3.00	11x9x10	18x16x20	12x10x14	4	2	36
038-38140	2.00	8x5x5	13x10x13	9x6x9	2	2	24



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TempTrust™ PUR Foam Containers for the US⁹ Market

STANDARD PUR INSULATED SHIPPING CONTAINERS FOR SOFT GEL REFRIGERANTS

Produced from moulded urethane insulation to provide outstanding thermal performance. Rugged and lightweight, TempTrust protective packaging is ideal for multiple shipments. Developed around standard ISTA 7E profiles, each shipper is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse.

MODEL #	WALL THICKNESS	PAYLOAD BOX	OUTER DIMENSIONS	INNER DIMENSIONS	PCM	DURATION (HR)
038-38133	1.50	20x20x18	24x24x24	21x21x21	16	72
038-38119	1.00	21x21x18	24x24x24	22x22x22	16	72
038-38152	2.00	19x19x17	24x24x24	20x20x20	12	72
038-38161	3.00	17x17x15	24x24x24	18x18x18	12	72
038-38118	1.00	15x13x15	18x16x20	16x14x18	8	54
038-38126	1.50	17x10x9	21x14x15	18x11x12	8	54
038-38130	1.50	14x13x14	18x16x20	15x13x17	8	54
038-38115	1.00	12x12x5.25	14.5x14.5x11.25	12.5 x 12.5 x 9.25	6	54
038-38127	1.50	10.5x10.5x4.25	14.5x14.5x11.24	11.5x11.5x8.24	6	48
038-38150	2.00	13x11x12	18x16x20	14x12x16	6	54
038-38143	2.00	10x7x3.5	15x12x11.25	11x8x7.25	4	48
038-38159	3.00	11x9x10	18x16x20	12x10x14	4	48
038-38140	2.00	8x5x5	13x10x13	9x6x9	2	30



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TempTrust™ EPS Foam Containers for the US Market

STANDARD EPS INSULATED SHIPPING CONTAINERS FOR PCM REFRIGERANTS

Produced from moulded expanded polyurethane insulation to provide outstanding thermal performance. Rugged and lightweight, TempTrust protective packaging is ideal for multiple shipments. Developed around standard ISTA 7E profiles, each shipper is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse.

MODEL #	WALL THICKNESS	PAYLOAD BOX	OUTER DIMENSIONS	INNER DIMENSIONS	PCM	DURATION (HR)	UNITS PER BUNDLE
037-27015	1.50	6x6x2.25	11x9x7.25	8x6x4.25	4	42	140
037-27015	1.50	6x6x5	11x9x10.125	8x6x7.125	4	42	100
037-27035	1.50	6x6x7	11x9x12	8x6x9	4	42	80
037-27050	1.50	6x8x6	11x11x11	8x8x8	4	42	64
037-27037	1.50	16x6x4	19x11x9	16x8x6	8	54	50
037-27706	1.50	12x10x4	15x15x9	12x12x6	8	54	45
037-27225	1.50	18x10x12	23.5x16.25x17	20.5x12.25x14	10	72	15
037-27153	1.50	24x14x10	29x19x15	26x16x12	10	72	24
037-27162	1.50	12x8x7	15x13x12	12x10x9	8	54	48
037-27058	1.50	12x10x7	15x15x12	12x12x9	8	54	36
037-27085	1.50	12x10x10	15x15x15	12x12x12	8	54	27
037-27135	1.50	15x10x8	20x15.5x13	17x12.5x10	10	72	24
037-27185	1.50	15x10x12	20x15.5x17.5	17x12.5x14.5	10	72	18
037-27255	1.50	18x11x10	23.5x16.25x15	20.5x13.25x12	12	72	15





TempTrust™ EPS Foam Containers for the US Market

STANDARD EPS INSULATED SHIPPING CONTAINERS FOR GEL REFRIGERANTS

Produced from moulded expanded polyurethane insulation to provide outstanding thermal performance. Rugged and lightweight, TempTrust protective packaging is ideal for multiple shipments. Developed around standard ISTA 7E profiles, each shipper is non-abrasive, non-corrosive, energy absorbent, and will not absorb moisture - thus eliminating collapse.

MODEL #	WALL THICKNESS	PAYLOAD BOX	OUTER DIMENSIONS	INNER DIMENSIONS	PCM	THERMAL BLANKET	DURATION (HR)	UNITS PER BUNDLE
037-27255	1.5	18x11x10	23.5x16.25x15	20.5x13.25x12	12	4	48	15
037-27225	1.5	18x10x12	23.5x16.25x17	20.5x12.25x14	10	4	48	15
037-27153	1.5	24x14x10	29x19x15	26x16x12	10	4	48	24
037-27135	1.5	15x10x8	20x15.5x13	17x12.5x10	10	2	48	24
037-27185	1.5	15x10x12	20x15.5x17.5	17x12.5x14.5	10	2	48	18
037-27037	1.5	16x6x4	19x11x9	16x8x6	8	2	42	50
037-27706	1.5	12x10x4	15x15x9	12x12x6	8	2	42	45
037-27162	1.5	12x8x7	15x13x12	12x10x9	8	2	42	48
037-27058	1.5	12x10x7	15x15x12	12x12x9	8	2	42	36
037-27085	1.5	12x10x10	15x15x15	12x12x12	8	2	42	27
037-27015	1.5	6x6x2.25	11x9x7.25	8x6x4.25	4	2	32	140
037-27025	1.5	6x6x5	11x9x10.125	8x6x7.125	4	2	32	100
037-27035	1.5	6x6x7	11x9x12	8x6x9	4	2	32	80
037-27050	1.5	6x8x6	11x11x11	8x8x8	4	2	32	64







TempTrust Refrigerants

Qualified PCMS: Hard gel bottles soft gel packs, flexible & blankets

Soft Pouches and Hard Bottle Gels

TempTrust PCMs were developed by RapidAid, Inc for Mesa Labs. Rapid Aid is an industry leader in temperature management, compliance, for quality controlled environments. To ensure quality and safety, RapidAid conducts regular compliance and quality audits, and have an experienced and knowledgeable in-house regulatory staff for QA and QC. They are also a Class 1 medical device manufacturer registered with the FDA in the US and Health Canada, along with CE and ISO 13485 certified.

- Sealed in a heavy duty constructed pouch or hard bottle that can be easily cleaned for reuse
- Uses a gel that cools more uniformly and colder than ice
- PCMs and soft pouches are constructed of a durable material that can be molded prior to freezing
- Available packaging - Soft pouch, hard bottle and thermal blankets

PRODUCT	PRODUCT IMAGE	PHASE/FREEZE POINT	DIMENSIONS
PCM Small		-18° C	5.5" x 5.5" x 1"
PCM Small		5° C	5.5" x 5.5" x 1"
PCM Small		18° C	5.5" x 5.5" x 1"
PCM Small		22° C	5.5" x 5.5" x 1"
PCM Large		-18° C	9.25" x 7" x 2"
PCM Large		5° C	9.25" x 7" x 2"
PCM Large		18° C	9.25" x 7" x 2"
PCM Large		22° C	9.25" x 7" x 2"



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TempTrust Refrigerants

Qualified PCMS: Hard gel bottles soft gel packs, flexible & blankets

PRODUCT	PRODUCT IMAGE	PHASE/FREEZE POINT	DIMENSIONS
Hard Bottle Large		30° F (-1.2° C)	9.06" x 5.71" x .98"
6 oz Soft Pouch		30° F (-1.2° C)	4"x 6" (10.16 cm x 15.24 cm)
16 oz Soft Pouch		30° F (-1.2° C)	6"x 7" (15.24 cm x 17.78 cm)
24 oz Soft Pouch		30° F (-1.2° C)	6"x 9" (15.24 cm x 22.86 cm)

Gel Blankets



The Mesa Labs gel blanket consists of pouches containing a patented formula that provides superior temperature control for shipping sensitive products and to maintain cold temperatures to ensure product integrity. Each blanket can be cut and sized to the container, which allows you to use the optimum amount of refrigerant per shipment. Applications range from covering a full pallet-load to a small product cooler.

The advantage of gel blankets over standard PCMs and gel packs is the ability to wrap around a payload to eliminate thermal “dead zones” created by traditional gel packs. They are also flexible when frozen.

TempTrust was developed by Infitrak / Mesa Labs. Trusted leader in cold chain management

Since 2002 Infitrak has designed and developed comprehensive cold-chain solutions that protect a product’s integrity and ensures patient and consumer safety. Infitrak, now called Mesa Labs, is the only company with all three areas of compliance-based, temperature controlled services and products: packaging, consulting, and real-time monitoring, This translates into a team that is with you all the way from raw materials to end user. For more information on TempTrust packaging solutions, visit us at www.infitrak.com/temptrust.



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