

CORRUGATED OUTER CONTAINER



INSULATED BULK TRANSPORTS INTERNATIONAL // DOMESTIC



COLLAPSIBLE WOOD CRATE WITH FOAM LINER

TRANSPORT PERISHABLES CONFIDENTLY.

FOAM CONTAINER/LINER



1-800-ICE-BRIX polar-tech.com



ICE-BOX RIGHT FIT[™] Insulated Cargo Transport Container System

ICE-BOX RIGHT FIT[™] is the ultimate in thermal insulated cargo transport containers. Features include: economical, variety of sizes, 1 way or reusable, molded EPS foam with tight fitting lids and components. Select desired options such as foam units, foam units with KD telescoping corrugated box or foam units with wood crates and skids. Improved refrigerants and patent pending systems control and stabilize temperature sustainability. Any bulk product that is temperature sensitive can be safely shipped in our ICE-BOX RIGHT FIT[™] Insulated Cargo Transports.

Maintain Temperatures with a CURTAIN OF COLD[™] System

Use ICE-BRIX[®] Saddle Bags or Cold Pockets pouch system as a CURTAIN OF COLD[™] that positions cold packs and/or dry ice above and around to surround your payload products. It is as if your products were back in the refrigerator or freezer. The refrigerant department engineer developed the new BLACK ICE[™] ICE JUG[™] as the larger stock solution to effectively cool and maintain frozen in the intermediate bulk insulated transports. It's the longest lasting cold pack just for bulk cargo.

These systems are available direct through select packaging catalog companies or your local packaging distributors. Now your local packaging suppliers can effectively supply and support your "COLD CHAIN" and regulatory authorities' requirements. It is no longer necessary to be constrained with the high cost proprietary packaging from other cold chain suppliers.



Bulk Pallet Pack Container – Reusable

Used for a variety of applications. This 3 piece pallet pack system consists of corrugated sleeve*, plastic pallet and plastic lid which interlocks with the side wall sleeve to assure stability and containment. Features easy load front drop down panel. Simply position flap up and secure with tape. Stock size and custom height sleeves available upon request. Insulated liners allow for transporting a variety of temperature sensitive products.

PART	OUTSIDE DIM. (IN)	WEIGHT	TEST	REFERENCE
NO.	L x W x H	CAPACITY	LBS	NO.
GE92 PP	48 x 40 x 45	2500	275 DW	GE92

*Custom height corrugated sleeves available upon request



Collapsible Specialty Bulk Box (IBC)

Designed to withstand the harshest of demands. Features smooth walls and solid floor to satisfy strict hygienic standards. 4 way entry, and collapse height of 13.8 inches. Insulated liners allow for transporting a variety of temperature sensitive products. Optional lid.

PART	OUTSIDE DIM. (IN)	WEIGHT	WT.	REFERENCE
NO.	L x W x H	CAPACITY	LBS	NO.
GE92 CS	48 x 40 x 46	2500	UD	GE92

ICE-BOX RIGHT FIT[™] COMPONENTS

Bulk Cargo Common Top & Bottom

Molded one piece base with raised circle pads allows temperature to circulate and raises product above any collected condensate or spilled liquids. Ergonomic loading design, allows easy loading and unloading. Air tight interlocking seals and thick insulation maintains temperature from external hazards during the shipping cycle. Common Top can invert from a lid to a bottom base. Common bottom can invert from a base to a lid.





Extension Collars

Add extension collars (EC) to expand chest height, this option increases additional packing space to maximize additional product capacity, all in one bulk container. Add additional EC as needed to accommodate more product at minimal costs. Choose from small, medium, or large, or use any combination of Extension Collars.





Perforated Tray/ Platform Extension

The perforated tray/platform can be inverted to be either a tray or platform. It is ideal for layering products, cold packs or dry ice through the packing procedure. Tested to hold over 550lbs. per tray assures the quality and enduring ability of layering products, cold packs or dry ice. Keeps products or refrigerant in place to assure a uniform temperature control.





Available Upon Request:

- Slightly imperfect, marred, scuffed at discount price when available
- Testing: Thermal item specific, Polar Tech, ISTA, or other guidelines
- Use optional venting for when shipping live animals





FOAM LINER SPECIFICATIONS

OUTSIDE DIM. (IN)

LxWxH

29 x 22³/₄ x 13¹/₂

29 x 22³⁄₄ x 21¹⁄₂

29 x 22³⁄₄ x 29¹⁄₂

INSIDE DIM. (IN)

LxWxH

26 x 19¾ x 10½

26 x 18¼ x 18½

26 x 18¼ x 26½

PART

NO. **GE66**

GF66

GE66

OPTION THICKNESS

1½"

1%"

1½"

ΒN

BO

BP

















GE150 4 Polar Tech

GE150

21⁄4"

21⁄4"

52½ x 35 x 54½

52½ × 35 x 69½

57 x 40 x 60

57 × 40 × 75

BL

BM

BULK CARGO PT CONTAINERS

Partial Telescoping Containers

Partial telescoping (PT) adjustable two-piece easy load design box expands taller to accommodate various heights. Sold as a complete two-piece adjustable partial telescoping box. Assemble a PT box for insulated foam collars.

Top Lid

Position corrugated lid over insulated liner and bottom corrugated box. Top lid is printed with ICE-BOX RIGHT FIT[™], insulated for perishables and up arrows, 275# single wall corrugated. Optional self seal permanent adhesive closure, tamper evident feature available upon request.

Bottom Base

Bottom telescoping base is ergonomically designed with slit and scored drop down front panel, ideal when bottom portion is loaded. Position flap up and secure with tape. Heavy duty 350# (DW) double wall provides durable protection during transit.

PART NO.	INSIDE DIM. (IN) L x W x H	TEST LBS	REFERENCE NO.
GE66KD M	30 x 24 x 22½-40	200/275#	GE66
GE66KD T	30 x 24 x 38½-56	200/275#	GE66
GE92KD S	44¼ x 36¼ x 24-39	275/350#	GE92
GE92KD M	44¼ x 36¼ x 36-51	275/350#	GE92
GE92KD T	44¼ x 36¼ x 48-63	275/350#	GE92
GE92KD XT	44¼ x 36¼ x 48-86	275/350#	GE92
GE101KD S	46¾ x 39 x 24-39	275/350#	GE101
GE101KD M	46¾ x 39 x 36-51	275/350#	GE101
GE101KD T	46¾ x 39 x 48-63	275/350#	GE101
GE101KD XT	46¾ x 39 x 48-86	275/350#	GE101
GE150KD S	57 x 40 x 31-53	275/350#	GE150
GE150KD T	57 x 40 x 55-77	275/350#	GE150



Corrugated Box RSC

Regular slotted container box, single wall, 200# kraft, printed black protects your shipment. Available for short insulated containers.

PART NO.	INSIDE DIM. (IN) L x W x H	TEST LBS	REFERENCE NO.
GE66KD S	30 x 24 x 14	200#	GE66
GE70KD S	36 x 22 x 22½	200#	GE70
GE70KD M	36 x 22 x 36	200#	GE70
GE84KD S	40 x 28 x 20	200#	GE84
GE84KD M	40 x 28 x 25½	200#	GE84
GE84KD T	40 x 28 x 36½	200#	GE84



WOOD COMPONENTS AND MORE



Wood Crate Pallet Collars

Assemble a custom height wood crate for insulated foam collars. Keep adding collars and go as high as you require. Recommended protection for medium to heavy payloads international or domestic. Assembles without tools and folds flat as a space saver. 1/2" plywood and steel hinges assembles in minutes and assures maximum protection. Certified for export . Fits ICE-BOX RIGHT FIT™ foot print insulated liners and heat treated wood pallets. Optional 3/8" wood patten lid and interior skid liner inserts to protect and secure the contents.

PART NO.	OUTSIDE DIM. (IN) L x W x H	WEIGHT CAPACITY	WEIGHT LBS	REFERENCE NO.
GE70 WC	38 x 24 x 11½	1500	12.5	GE70
GE84 WC	42 x 30 x 12½	2300	15.8	GE84
GE92 WC	46 x 38 x 9½	2500	14	GE92
GE101 WC	48 x 40 x 8	2500	12.5	GE101
GE150 WC	58 x 41 x 7¾	2500	13.5	GE150



Wood Pallets

New Wood, heat treated pallets meet ISPM 15, export specifications. 4- way fork access, double face.

PART NO.	SKID SIZE (IN) L x W x H	WEIGHT CAPACITY	SHIP WEIGHT	REFERENCE NO.
SHT 70	38 x 24	1500	28	GE66 GE70
SHT 84	42 x 30	2500	33	GE84
SHT 92	46 x 38	3000	48	GE92
SHT 101	48 x 40	2500	58	GE101
SHT 150	58 x 41	2500	67	GE150

WHAT'S YOUR TEMPERATURE? HOW DO YOU KNOW?



Temperature Indicators

Monitor your temperature sensitive products during the shipping and storage cycle. Temperature indicators and monitors are records of factual data; they either indicate temperature exceeded a determined degree or monitor record temperatures through the entire shipping cycle by set increments each hour, for days.

For more detailed information, contact our representatives or go to www.polar-tech.com.

PART NO.	OUTSIDE DIM. (IN) L x W	MATERIAL	STYLE
529	1.875 x 0.75	LAMINATED FIBERBOARD	NON SELF-ACTIVATING

LABELS

International Labels



Temperature Awareness Labels



DERICHARIE

Shipping Caution Labels

			FENIƏNADLE	UP	5.5 x 5.5
FRAGILE HANDLE WITH CARE	PLEASE OPEN THIS BOX IMMEDIATELY! AND STORE ITEMS AT INDICATED TEMPERATURES	TEMPERATURE MONITORING DEVICE ENCLOSED	RUSH		A second
SCL 557 5 x 3	SCL 596 5 x 3	TAL 530 4 x 4	SCL 808 4 x 6	SCL 904 4 x 8	This label complies with Federal Express labeling and marking recommendations for shipments containing dry ice. 5 12 x 5 12 inch gloss paper, pressure sensitive label, 500 per roll. Personalized label with name & address of shipper or consignee
HOT RUSH CHIEREN SWITTER	TOP LOAD ONLY	AIR FREIGHT	HOLD AT AIRPORT FOR PICKUP NOTIFY:	HOLD AT AIRPORT	available upon request.
RUSH НЕАVY SCL 826 SCL 833 8 x 2 8 x 2	SCL 806 6 x 4	SCL 829 6 x 4	SCL 532 5 x 3	IPM 409 4 x 6	

More available online at www.polar-tech.com

1-800-ICE-BRIX _

HML 628

THIS FND

UNIFORM CURTAIN OF COLD[™]

Long Lasting Special Application



BLACK ICE[™] ICE JUG[™]

Engineered to be an effectively long lasting frozen/cold source in cargo transports for temperature sensitive perishable protection. The thin rigid plastic shell with handle allows easy grab and pack capabilities as well as efficient transfer of cold energy for days to protect larger quantities of perishables in bulk transport containers. Ideal for Frozen, Cold and Warm pack outs.

- Economical
- Non-Toxic, Safe to use
- Re-Usable, Freeze till solid
- Convenient Handle, Grip and Pack
- Long Lasting Ice-Jugs for Cargo Transports

PART NO.	WEIGHT LBS	SIZE (IN) L x W x H	QTY PER CASE
BLK J2	2	4.9 x 4.9 x 6.105	120
BLK J4	4	3.831 x 3.831 x 9.28	108
BLK J8	8	5.96 x 5.96 x 9.79	36



Cold Pockets[™]

- Create your own uniform CURTAIN OF COLD[™] wrap
- · Insert either cold packs, dry ice or both

Minimum 4 full wraps are recommended. 7 wraps will provide the ideal full CURTAIN OF COLD[™] coverage for a pallet or bulk transport shipper. You can cut them to a length of your choice to surround your product and keep the cold in place during shipping. Use pallet rubber band part #1301, 1401 or 1501 to hold the refrigerant against the product.

PART	SIZE (IN)	POCKETS	QTY PER
NO.	W x L	PER LENGTH	CASE
CP 12	12 x 144	15	48



ICE-BRIX[®] Saddle Bags[™]

- Ultimate in uniform temperature stability
- Maximum temperature sensitive protection for bulk transport of refrigerated frozen products
- Continuous unit
- Reusable, recyclable
- Biodegradable Gel

PART NO.	SIZE (IN) W x L	POCKETS PER LENGTH	QTY PER CASE
SB 24	12 x 144	18	1
SB 10	8 x 34	8	5

UNIFORM CURTAIN OF COLDTM

BLACK ICE[™]

These cold packs are made with a plastic pouch and when properly used keep perishable products at a constant and desirable temperature. Economy Grade.

PART NO.	WEIGHT OZ	APPROX DIM. (IN) L x W x H	QTY PER CASE
BLK 24	24	8 x 6 x 1¼	24
BLK 32	32	10 x 6 x 1½	18
BLK 48	48	10¼ x 7¾ x 1½	12



RE-FREEZ-R-BRIX®

RE-FREEZ-R-BRIX[®] is a block of rigid foam that holds its shape frozen or thawed and is reusable. These refrigerants are non-toxic, sealed in a heavy plastic pouch, and are rated the best in foam refrigerants. Other products just don't compare.

• Prevents thawing: Keeps frozen products chilled.

• *Protects against freezing:* When packaged in properly insulated containers, warmed RE-FREEZ-R-BRIX[®] release heat.

• *Protects from warming:* Keeps perishables requiring a temperature range of 32°F to 60°F at a safe, uniform cool temperature for over 14 days.

PART NO.	WEIGHT OZ	SIZE (IN) L x W x H	QTY PER CASE
RB 30	31	9 x 4 x 1½	12
RB 60	64	9 x 8 x 1½	6
RB 62	64	9 x 4 x 3	8
RB 64	64	11¼ x 9¼ x 1	12



ICE-BRIX[®]

ICE-BRIX[®] are specifically formulated leakproof, long lasting, viscous gel refrigerants made with non-toxic ingredients listed as FDA GRAS. Rated "Best in all aspects". ICE-BRIX[®] is the ultimate in refrigerant packs. Leakproof, Variety of sizes, Reusable, Economical.

PART NO.	WEIGHT OZ	APPROX DIM. (IN) L x W x H	QTY PER CASE
IB 24	24	8 x 6 x 1¼	12
IB 31	32	8 x 7¾ x 1½	18
IB 32	32	10 x 6 x 1½	18
IB 38	38	12¾ x 6 x 1	15
IB 48	48	10¼ x 7¾ x 1½	12
IB 64	64	11 x 7¾ x 2	8



PRECONDITION CARGO CONTAINERS



Model No. AZ2 Tank Mounted: as shown



ABSOLUTE ZERO[™] Dry Ice Equipment

The ABSOLUTE ZERO[™] dry ice snow maker is ideal for small to high production, produces up to 17 lbs. / 2 min. - up to 47% CO2 yield. Simple to operate, no moving parts, insulated handles and barrel grip. Basic unit comes complete to produce dry ice snow. AZ3 and AZ4 include an 8 ft. pressure hose, tank connector with gasket, safety pressure relief valve, insulated barrel grip, instruction manual and warranty card. Patent pending.

* Warning: Dry ice ad CO2 is classified as a hazardous gas (HAZMAT) for shipping and handling. Only use and store in well ventilated areas. You and your company and qualified personnel must contact your local dry ice or CO2 gas supplier for more information, training on use, and handling of dry ice and CO2 gas regulations.

Collect snow and place in box or liner. Use insulated gloves.

MODEL NO.	SIZE (IN) L x W x H	WEIGHT LBS	YIELD
AZ4	13.5 x 3 x 23.5	4.5	HIGH
AZ3	13.5 x 2 x 19.5	3.5	STANDARD
AZ2	3 x 11.75	2.5	STANDARD
-			

Preconditioning perishable product shipments is a method of pre-cooling the insulated containers and fill materials before or during the pack out. This method of preconditioning extends transit time as well as immediately stabilizes interior temperature. This maintains stable product temperature, without adverse temperature fluctuations and unnecessary prolonged excursions. Use the ABSOLUTE ZERO[™] dry ice snow equipment to surface coat the insulated cargo transport container to condition, cool and stabilize the interior temperature.

Accessories and replacement parts available online at www.polar-tech.com



Pallet Rubber Bands

Hold cover on or hold flaps down during packing. Can be used outside of pallet containers or inside to secure wrap on inner contents. Available in natural rubber for regular applications or in blue, which retains elasticity in frozen conditions.

PART NO.	SIZE (IN) W x CIRCUMFERENCE	COLOR	APPLICATIONS	QTY PER BAG
1301	³⁄4 x 72	Natural	General	1
1401	³∕₄ x 84	Natural	General	1
1501	³∕4 x 92	Natural	General	1
1501 FREEZE	¾ x 92	Blue	Frozen	1



Poly (Bag/Cover) Liners

- Barrier all liquid collection
- · Barrier direct, hold and extend temperature at product payload
- Warning: Never seal dry ice in closed bag!

PART NO.	DIMENSIONS L x W x D (INCHES)	THICKNESS (MIL)	QTY/ROLL
BC60	55 x 48 x 60	2	90
BC110	55 x 48 x 110	4	25
BC130	55 x 48 x 130	4	20

AND MORE

Single Face Corrugated Roll

Raised fluting absorbs shocks. Flexible and conforms to any shape. Use as interleaving of void fill. For temperature protection, use several layers to buffer ice from direct contact with payload boxes. Available in white or kraft for a cosmetically clean presentation.

PART NO.	COLOR	FLUTE	SIZE W x L	WEIGHT PER ROLL
1000	KRAFT	А	9″ x 250′	10
1001	KRAFT	А	12" x 250'	15.5
1002	KRAFT	А	18" x 250'	22
1003	KRAFT	А	24" x 250'	28
1004	KRAFT	В	36" x 250'	43.5
1004W	WHITE	В	36" x 250'	30
1005	KRAFT	В	48" x 250'	57
1005W	WHITE	В	48" x 250'	41



Poly Coated White Paper

- Provides a clean, sterile presentation
- Reduces condensate from packaged payload boxes
- 40 lb, virgin, bleached white paper has polyethylene coating on one side

PART NO.	SIZE W x L	BASIS WEIGHT	WEIGHT PER ROLL
1140W	18" x 1100'	40 lb	23
1141W	24" x 1100'	40 lb	31
1142W	36" x 1100'	40 lb	46
1143W	48" x 1100'	40 lb	60
1144W	60" x 1100'	40 lb	83



Poly Coated Kraft Paper

- Reduces condensation from payload product boxes
- 10 lb gloss polycoating on one side, 50 lb virgin kraft paper

PART NO.	SIZE W x L	BASIS WEIGHT	WEIGHT PER ROLL
1140	18" x 600'	50 lb	18
1141	24" x 600'	50 lb	25
1142	36" x 600'	50 lb	37
1143	48" x 600'	50 lb	48
1144	60" x 600'	50 lb	60



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1-800-ICE-BRIX www.polar-tech.com



- Completely Recyclable
- Economical
- Versatile
- Domestic and International Use
- For Perishables Small, Medium and Large

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<u>Polar Tech</u>

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