POLAR®
insulated containers

The Polar® Insulated Container System Dry Ice

Experience The "POLAR" Difference

BONAR PLASTICS
MATERIAL HANDLING SOLUTIONS
www.bonarplastics.com

Pharmaceutical & Laboratory Dry Ice Specialists

- Ideal for storage and transport of dry ice pellets and blocks
- Special compounded resins for superior cold impact properties
- Superior insulation for lowest sublimation rates

Bonar's premium Polar® Insulated Containers continue to play a vital role in the food service, grocery distribution, dry ice and dairy industries. While these markets are varied, they require the storage and shipment of temperature-sensitive products.

When it comes to transporting and storing temperature-sensitive food products, Polar Insulated Containers have proven most effective – they simply keep frozen products below freezing longer, even without dry ice. Every Polar container is designed for durability and are rotomolded from tough FDA-
approved polyethylene with two inches minimum of polyurethane foam insulation. These containers provide ideal dry ice shipping and storage.

Polar® containers exceed competitive plastic and/or cardboard products!

Dissipation Test Results 3-Day Timespan		Polar Box Weight Empty: 220 lbs.	Competitor Box Weight Empty: 185 lbs.	Gaylord Box Weight Empty: 100 lbs.
DATE	TIME	LBS. OF DRY ICE	LBS. OF DRY ICE	LBS. OF DRY ICE
July 8	11:00 am	1395	1360	1860
	3:00 pm	1385	1352	1827
	7:00 pm	1374	1332	1780
	11:00 pm	1364	1320	1745
July 9	3:00 am	1353	1304	1708
	7:00 am	1345	1295	1683
	11:00 am	1331	1279	1634
	3:00 pm	1316	1258	1580
	7:00 pm	1304	1202	1535
	11:00 pm	1297	1231	1508
July 10	3:00 am	1290	1224	1484
	7:00 am	1282	1212	1449
	11:00 am	1270	1195	1402
Total Weight Loss		184 lbs.	247 lbs.	698 lbs.
Total % Loss		13%	18%	37%
Average daily %		4%	6%	12%

*Test performed using PB30

Dry ice block average weight = 56-60 lbs.
Dry ice block average size = 10" x 10" x 12"
A cubic foot of dry ice pellets weighs approximately 52 lbs.

NOTE: Unless specified, all weights relate to box only. Dimensions and weights are +/– 2%. Height dimensions include lid on the container.

PB02

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	30	21
Width	21	11
Height	24	14
Weight of Box	Kg	20.4
	Lbs	45
Cubic Feet	2	
Dry Ice Pellets (lbs)	125	
Dry Ice Block	2	
Layers of Dry Ice Blocks	1 x 2	

PB05

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	30	24
Width	18	12
Height	37	29
Weight of Box	Kg	26
	Lbs	58
Cubic Feet	5	
Dry Ice Pellets (lbs)	305	
Dry Ice Block	4	
Layers of Dry Ice Blocks	2 x 2	

PB11

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	42	33
Width	28	21
Height	36	27
Weight of Box	Kg	50
	Lbs	110
Cubic Feet	11	
Dry Ice Pellets (lbs)	600	
Dry Ice Block	12	
Layers of Dry Ice Blocks	2 x 6	

PB11HL

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	42	33
Width	28	21
Height	36	27
Weight of Box	Kg	50
	Lbs	110
Cubic Feet	11	
Dry Ice Pellets (lbs)	600	
Dry Ice Block	12	
Layers of Dry Ice Blocks	2 x 6	

PB11HC

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	42	33
Width	28	21
Height	40	27
Weight of Box	Kg	60
	Lbs	130
Cubic Feet	11	
Dry Ice Pellets (lbs)	600	
Dry Ice Block	12	
Layers of Dry Ice Blocks	2 x 6	

PB24

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	48	43
Width	43	36
Height	40	27
Weight of Box	Kg	86
	Lbs	190
Cubic Feet	27	
Dry Ice Pellets (lbs)	1450	
Dry Ice Block	24	
Layers of Dry Ice Blocks	2 x 12	

PB30

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	49	42
Width	43	36
Height	43	32
Weight of Box	Kg	100
	Lbs	220
Cubic Feet	30	
Dry Ice Pellets (lbs)	1800	
Dry Ice Block	36	
Layers of Dry Ice Blocks	3 x 12	

PB27

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	47	41
Width	42.5	36.5
Height	39.5	30
Weight of Box	Kg	95.7
	Lbs	211
Cubic Feet	27	
Dry Ice Pellets (lbs)	1650	
Dry Ice Block	36	
Layers of Dry Ice Blocks	3 x 12	

PB35 MINI

DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	48	44
Width	43	39
Height	49	37
Weight of Box	Kg	100
	Lbs	220
Cubic Feet	35	
Dry Ice Pellets (lbs)	n/a	
Dry Ice Block	36	
Layers of Dry Ice Blocks	3 x 12	

*Volumes for each container are measured using tap water and the measurements taken 1" from rim of box.
NOTE: Unless specified, all weights relate to box only. Dimensions and weights are +/– 2%. Height dimensions include lid on the container.