



The Polar® Insulated Container System for Distribution

Experience The “POLAR” Difference



 **BONAR PLASTICS**
MATERIAL HANDLING SOLUTIONS

www.bonarplastics.com

Protect Profits. Freeze Shipping Costs.

- Ideal for:
- Food Service
 - Grocery Wholesale
 - Dairy Distribution
 - Pharmaceutical



PB02		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	29	21
Width	20	11
Height	23	14
Weight of Box	Kg	20.4
	Lbs	45
Cubic Ft	2	
3 Gal Ice Cream Tubs	2	



PB05		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	30	24
Width	18	12
Height	37	29
Weight of Box	Kg	26.3
	Lbs	58
Cubic Ft	5	
3 Gal Ice Cream Tubs	4	



PB11HLC

PB11HL		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	42	33
Width	28	21
Height	36	27
Weight of Box	Kg	49.9
	Lbs	110
Cubic Ft	11	
3 Gal Ice Cream Tubs	12	

Also available with casters.



PB24		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	48	44
Width	43	36
Height	40	26
Weight of Box	Kg	86.2
	Lbs	190
Cubic Ft	27	
3 Gal Ice Cream Tubs	24	



PB27		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	47	41
Width	43	36.5
Height	4	30
Weight of Box	Kg	95.7
	Lbs	211
Cubic Ft	27	
3 Gal Ice Cream Tubs	30	



PB30		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	49	42
Width	43	36
Height	43	32
Weight of Box	Kg	99.8
	Lbs	220
Cubic Ft	36	
3 Gal Ice Cream Tubs	30	

*Volumes for each container are measured using tap water and the measurements taken 1" from rim of box.
NOTE: Unless specified, all dimensions of boxes do not include lid. Dimensions and weights are +/- 2%.

Upright Styles

- Reduce “distribution costs” with efficient “LTL” combo shipments
- Transport subzero, frozen or perishable products on refrigerated or dry trailers
- Ergonomically designed to be “user friendly” during loading and unloading



PB35 MINI		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	48	40
Width	43	36
Height	48	36
Weight of Box	Kg	99.8
	Lbs	220
Cubic Ft	35	
3 Gal Ice Cream Tubs	36	



Dry Ice Bunker



Thermometer



Velcro® Feature



Optional steel leg base available.

PB25		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Length	39	34
Width	27	21
Height	73	56
Weight of Box	Kg	90.7
	Lbs	200
Cubic Ft	25	
3 Gal Ice Cream Tubs	30	



Shown with optional shelves and ice bunker.

PB55		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Depth	48	43
Width	40	33
Height	79	66
Weight of Box	Kg	150.6
	Lbs	334
Cubic Ft	55	
3 Gal Ice Cream Tubs	72	



PB57		
DIMENSIONS (INCHES)	OUTSIDE	INSIDE
Depth	40	34
Width	48	41
Height	79	66
Weight of Box	Kg	152
	Lbs	335
Cubic Ft	57	
3 Gal Ice Cream Tubs	72	

NOTE: Unless specified, all dimensions of boxes do not include lid. Dimensions and weights are +/- 2%.

Ice Cream Freeze – Retention Test Results

Container put on non-insulated, non-refrigerated trailer in hot sun at 11:00 am, ambient temperature 88° Fahrenheit.

Note: Unit pre-cooled in -18° freezer.



PB30

Ice Cream Test – PB30				
TIME	ELAPSED TIME	AMBIENT TEMP	TEMP INT CONTAINER	ICE CREAM PRODUCT COMP
11:00 am	Start	88°	-18°	Hard
5:00 pm	6 hours	84°	-8°	Hard
5:45 pm	6 hrs. 45 min.	85°	-8°	Hard
6:30 pm	7 hrs. 30 min.	80°	-5°	Firm
8:00 pm	9 hours	70°	4°	Firm
9:00 pm	10 hours	70°	-4°	Firm
10:00 pm	11 hours	70°	-4°	Firm
11:00 pm	12 hours	70°	-2°	Firm
12:00 am	13 hours	68°	0°	Firm

Test Specifications:
 Interior Capacity Size: 30 Cubic Ft
 Dry Ice Use: None
 Product Used: Ice Cream
 Capacity: Full

Upright Container Testing – PB55

ELAPSED TIME	PROBE #	PRODUCT TEMP (°F)
6 hours	1	-31.9°
	2	-5.0°
	3	-23.7°
	4	-34.1°
12 hours	1	-16.1°
	2	-3.1°
	3	-12.9°
	4	-12.9°
18 hours	1	-3.1°
	2	-4.8°
	3	-0.4°
	4	8.4°
24 hours	1	8.0°
	2	-1.2°
	3	17.7°
	4	30.9°



PB55

Frozen Foods Used for Test
 CO2 bunker charged with approximately 80 lbs. of snow
 Probe 1: Product temperature at bottom
 Probe 2: Product temperature at 36"
 Probe 3: Product temperature at 48"
 Probe 4: Product temperature at top air space



SINGLE WALL CONTAINERS



TOTES



IBC



HOPPERS



BAG IN THE BOX