

Dry Ice Container

For storage of Dry Ice Pellets and Airline Dry Ice Slice

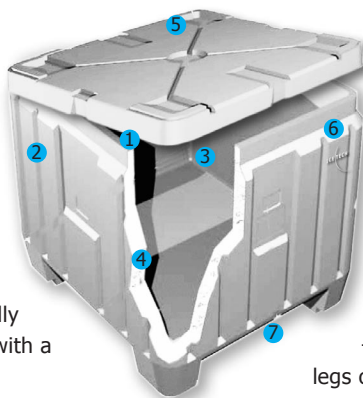


ICETECH

Lightweight containers - with many advantages

The dry ice containers are manufactured from polyethylene and are insulated with foam-in-place polyurethane. The effective insulation ensures that the loss of dry ice through evaporation (sublimation) is reduced to the absolute minimum.

Key Features



1 The lid is maximally insulated and fitted with a special gasket.

2 High impact polyethylene construction meets FDA, USDA and HPB requirements.

3 Seamless interior with sharp corners – features that improve the cube utilization.

4 Foam-in-place polyurethane improves insulation quality, structural integrity and adhesion.

5 Stackable modular containers – the shape of the lid allows the legs of the various container models to fit into it thus securing the containers during transport.

6 Unique, insulated bridges of polyethylene bond the inner and outer shells of the container wall, adding structural strength.

7 Accessible from four sides by pallet truck and fork lift.

IT Dolly

With an IT Dolly the dry ice container can easily be transported to the location where the dry ice is going to be used – and it can be turned around 45° without taking up the space required when using a forklift truck or pallet truck.

The IT Dolly is applicable to IceTech container models IT100 and IT200 and has a load capacity of max. 300 kg /661 lbs.

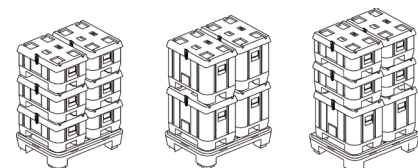


Space-saving and easy to handle

The IceTech dry ice containers are available in different sizes to serve all purposes.

The containers are modularly constructed AND stackable, i.e. different models can be stacked onto each other.

The containers are dimensioned to match EURO pallet dimensions so as to advance maximum utilization of space during transport.



6 pcs. IT100

4 pcs. IT200

4 pcs. IT100
2 pcs. IT200

Contact IceTech to obtain expert advice on the right pelletizer solution for you.

Head office Europe: +45 7656 1500 • Head office United States: +1 513-942-4144 • Head office Germany: 08004 238 324
Head Office Asia: +65 6686-2159 • Or visit IceTech online at www.icetechworld.com to learn more.

Dry Ice Container



IT100

Dim. mm/inch

Length: 800 / 31.4
Width: 600 / 23.6
Height: 670 / 26.3

Weight

kg: 31
lbs: 68

Dry Ice Capacity

3 mm / 0.118 inch pellets

kg: 60
lbs: 132

105 x 125 x 20 mm slabs 4"x 5" x 3/4" slabs

kg: 160
lbs: 352
pc.: 390

210 x 125 x 20 mm slabs 8"x 5" x 3/4" slabs

kg: 160
lbs: 352
pc.: 195

U-value:

IT100 U = 0.342 $W/(k \times m^2)$



IT200

Dim. mm/inch

Length: 800 / 31.4
Width: 600 / 23.6
Height: 1000 / 39.3

Weight

kg: 38
lbs: 84

Dry Ice Capacity

3 mm / 0.118 inch pellets

kg: 120
lbs: 264

105 x 125 x 20 mm slabs 4"x 5" x 3/4" slabs

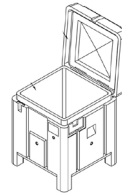
kg: 311
lbs: 685
pc.: 760

210 x 125 x 20 mm slabs 8"x 5" x 3/4" slabs

kg: 311
lbs: 685
pc.: 380

U-value:

IT200 U = 0.351 $W/(k \times m^2)$



IT300

Dim. mm/inch

Length: 800 / 31.4
Width: 800 / 31.4
Height: 1000 / 39.3

Weight

kg: 61
lbs: 134

Dry Ice Capacity

3 mm / 0.118 inch pellets

kg: 200
lbs: 440

105 x 125 x 20 mm slabs 4"x 5" x 3/4" slabs

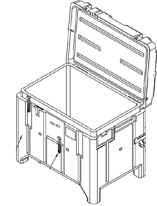
kg: 442
lbs: 974
pc.: 1080

210 x 125 x 20 mm slabs 8"x 5" x 3/4" slabs

kg: 442
lbs: 974
pc.: 540

U-value:

IT300 U = 0.349 $W/(k \times m^2)$



IT500

Dim. mm/inch

Length: 1200 / 47.2
Width: 800 / 31.4
Height: 1000 / 39.3

Weight

kg: 72
lbs: 159

Dry Ice Capacity

3 mm / 0.118 inch pellets

kg: 350
lbs: 771

105 x 125 x 20 mm slabs 4"x 5" x 3/4" slabs

kg: 754
lbs: 1662
pc.: 1840

210 x 125 x 20 mm slabs 8"x 5" x 3/4" slabs

kg: 754
lbs: 1662
pc.: 920

U-value:

IT500 U = 0.331 $W/(k \times m^2)$



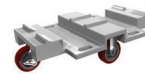
IT Pallet

Dim. mm/inch

Length: 1200 / 47.2
Width: 800 / 31.4
Height: 196 / 7.71

Weight

kg: 17
lbs: 37



IT Dolly for IT100 & IT200

Dim. mm/inch

Length: 915 / 36.02
Width: 570 / 22.4
Height: 240 / 9.4

Weight

kg: 21
lbs: 46

Max. Load Capacity

kg: 300
lbs: 661

Evaporation test

IT500 U-value calculations

Determination of the U-value of an IT500 dry ice container, using the actual sublimation data at an ambient temperature of 23.9°C.

IT500 DRY ICE LOSS - DRY ICE PELLETS

No. of hr.	Gross weight	Net weight	Total loss	Loss in %
After 0 hr.	432 kg/952 lbs	362 kg/798 lbs	0 kg/0 lbs	0 %
After 5½ hr.	428 kg/943 lbs	358 kg/789 lbs	4 kg/8.8 lbs	1.1 %
After 11 hr.	426 kg/939 lbs	356 kg/785 lbs	6 kg/13 lbs	1.6 %
After 68½ hr.	385.5 kg/850 lbs	315.5 kg/695 lbs	46.5 kg/102 lbs	12.8 %
After 72 hr.	383 kg/844 lbs	313 kg/690 lbs	49 kg/108 lbs	13.5 %

IT500 DRY ICE LOSS - DRY ICE SLABS

No. of hr.	Gross weight	Net weight	Total loss	Loss in %
After 0 hr.	594 kg/1309 lbs	524 kg/1155 lbs	0 kg/0 lbs	0 %
After 5 hr.	590 kg/1300 lbs	520 kg/1146 lbs	4 kg/8.8 lbs	0.8 %
After 10½ hr.	587.5 kg/1295 lbs	517.5 kg/1139 lbs	6.5 kg/14 lbs	1.2 %
After 68 hr.	548.5 kg/1209 lbs	478.5 kg/1055 lbs	45.5 kg/100 lbs	8.7 %
After 72 hr.	545 kg/1201 lbs	475 kg/1047 lbs	49 kg/108 lbs	9.3 %

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