

ICE TECH

Dry Ice Container



IT Pallet



IT Dolly



DRY ICE CONTAINERS

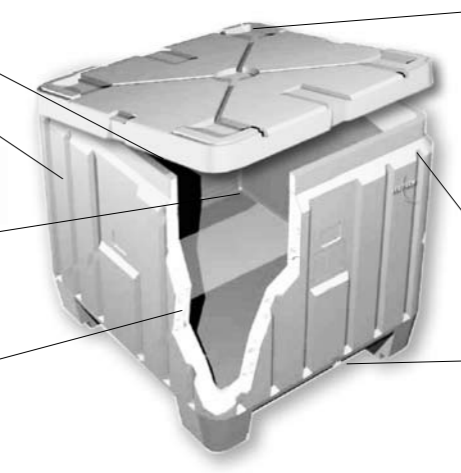
For storage of dry ice pellets





Key Features

- The lid is maximally insulated and fitted with a special gasket.
- High impact polyethylene construction meets FDA, USDA and HPB requirements.
- Seamless interior with sharp corners – features that improve the cube utilization.
- Foam-in-place polyurethane improves insulation quality, structural integrity and adhesion.



- 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.
- Unique, insulated bridges of polyethylene bond the inner and outer shells of the container wall, adding structural strength.
- Accessible from four sides by pallet truck and fork lift.

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.

**Evaporation test
IT500 U-value calculations**

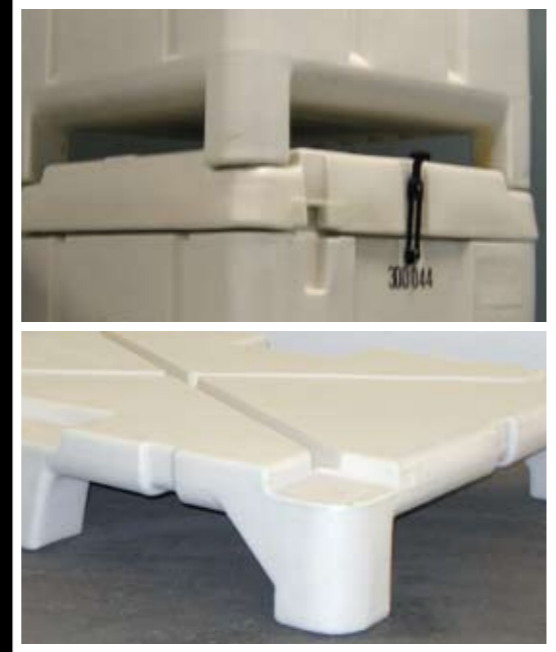
Determination of the U-value of an IT500 dry ice container, using the actual sublimation data at an ambient temperature of 23.9°C.

IT500 DRY ICE LOSS - DRY ICE PELLETS

Number of hours	Gross weight	Net weight	Total loss	Loss in %
After 0 hours	432 kg/952 lbs	362 kg/798 lbs	0 kg/0 lbs	0 %
After 5½ hours	428 kg/943 lbs	358 kg/789 lbs	4 kg/8.8 lbs	1.1 %
After 11 hours	426 kg/939 lbs	356 kg/785 lbs	6 kg/13 lbs	1.6 %
After 68½ hours	385.5 kg/850 lbs	315.5 kg/695.5 lbs	46.5 kg/102.5 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 BLOCKS

Number of hours	Gross weight	Net weight	Total loss	Loss in %
After 0 hours	594 kg/1309 lbs	524 kg/1155 lbs	0 kg/0 lbs	0 %
After 5 hours	590 kg/1300 lbs	520 kg/1146 lbs	4 kg/8.8 lbs	0.8 %
After 10½ hours	587.5 kg/1295 lbs	517.5 kg/1139 lbs	6.5 kg/14 lbs	1.2 %
After 68 hours	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 %



DRY ICE CONTAINERS

Safe, Capacious and Handy
Dry Ice Containers from IceTech

Dry ice pellets

The IceTech dry ice containers are especially suitable for the storage of dry ice pellets. The dry ice pellets can be produced directly into the IceTech containers.

Insulation

If the dry ice is stored in an IceTech dry ice container, sublimation is reduced to a minimum. The lid and the container itself are maximally insulated and the lid is fitted with a special gasket.

- :: CFC-free foam-in-place polyurethane insulation
- :: High impact polyethylene construction
- :: HAACP-compliant
- :: Meets FDA, USDA and HPB requirements

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.

IT Pallet

If several IT100 and IT200 containers are to be transported simultaneously, it will be a great advantage to use an IT Pallet:

- :: The stability during loading/unloading and transport is optimized since the shape of the pallet allows the legs of the various container models to fit into it thus securing the containers.

- :: The containers can be placed next to one another, and different models and sizes can be stacked onto each other – space AND time saving.

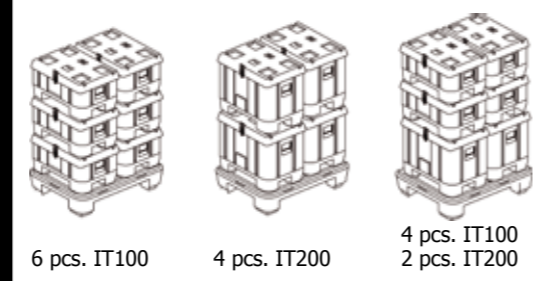
The dimensions of the IT Pallet correspond to those of a EURO pallet.

IT Dolly

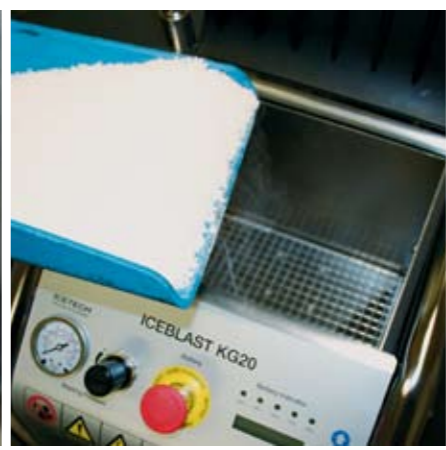
With an IT Dolly the dry ice container can easily be transported to the location where the dry ice is going to be used – and it can be turned around 45° without taking up the space required when using a forklift truck or pallet truck.

If possible the dry ice container should be empty when being loaded onto the IT Dolly. If the container is filled with dry ice, a forklift truck is recommended for the purpose.

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



6 pcs. IT100 4 pcs. IT200 4 pcs. IT100
2 pcs. IT200





**Head Office Denmark
IceTech A/S**

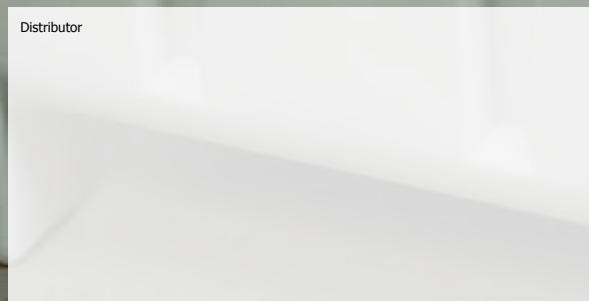
Industrivej 37
DK-6740 Bramming
Phone: +45 76 56 15 00
Fax: +45 76 56 15 09
E-mail: icetech@icetech.dk
www.icetech.dk

**Head Office Germany
IceTech Deutschland GmbH**

Industriestraße 11
DE-56598 Rheinbrohl
Phone: +49 (0) 2635 923 164
Fax: +49 (0) 2635 923 165
E-mail: icetech@icetech.dk
www.icetech-deutschland.de

**Head Office United States
IceTech America Inc.**

8050 Beckett Center Drive
Suite 316
West Chester, Ohio 45069 USA
Phone: (+1) 513-942-4144
Fax: (+1) 513-942-4244
Toll free: (+1) 877-693-7073
E-mail: icetech@icetech-usa.com
www.icetech-usa.com



TECHNICAL DATA

**300050
Dry Ice Container
IT100**

Dim. mm/inch
Length: 800 / 31.4
Width: 590 / 23.2
Height: 670 / 26.3

Weight
kg: 26
lbs: 57

Dry Ice Capacity
3 mm / .118 inch pellets
kg: 60
lbs: 132

**300052
Dry Ice Container
IT300**

Dim. mm/inch
Length: 800 / 31.4
Width: 800 / 31.4
Height: 980 / 38.5

Weight
kg: 50
lbs: 110

Dry Ice Capacity
3 mm / .118 inch pellets
kg: 200
lbs: 440

**300051
Dry Ice Container
IT200**

Dim. mm/inch
Length: 800 / 31.4
Width: 590 / 23.2
Height: 980 / 38.5

Weight
kg: 37
lbs: 81

Dry Ice Capacity
3 mm / .118 inch pellets
kg: 120
lbs: 264

**300053
Dry Ice Container
IT500**

Dim. mm/inch
Length: 1175 / 46.2
Width: 800 / 31.4
Height: 980 / 38.5

Weight
kg: 70
lbs: 154

Dry Ice Capacity
3 mm / .118 inch pellets
kg: 350
lbs: 771

**300054
IT Pallet**

Dim. mm/inch
Length: 1175 / 46.2
Width: 800 / 31.4
Height: 196 / 7.71

Weight
kg: 17
lbs: 37

**300055
IT Dolly
for IT100 & IT200**

Dim. mm/inch
Length: 800 / 31.4
Width: 590 / 23.2
Height: 266 / 10.4

Weight
kg: 21
lbs: 46

Max. Load Capacity
kg: 300
lbs: 661