

IBC PRODUCT GUIDE



Rentals
Sales
Service
IBC Parts



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Discover the benefits of stainless steel

IBC RENTAL

One 350-gallon IBC has more capacity than six drums.

Discover the ease of handling, shipping and storing your liquids in Intermediate Bulk Containers (IBCs).

Space efficient and easier to handle, IBCs are easier to fill, easier to empty, and use less space. Save on labor, storage and freight costs.

Complete drainage in IBCs eliminates wasteful product residue.

IBCs are durable and reusable so you can eliminate drums and drum disposal costs.

Don't pay more than you have to.

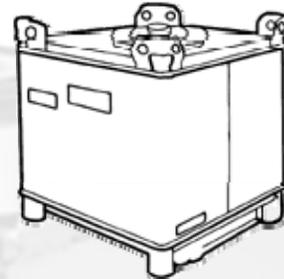
You can start saving money now by renting high quality stainless steel IBCs today. There is no minimum and no maximum term required. Simply return the IBCs clean and in good condition.



- No minimum, no maximum, no fixed rental term
- UN/DOT certified
- **SATISFACTION GUARANTEED**

Begin taking advantage of the benefits now without the large capital outlay. We can show you how to reduce your liquid packaging costs. Call us today.

Even if you are a long-time user of IBCs or if you are just making the transition from 55-gallon drums, Metano's IBC Rental Program offers you maximum flexibility at the minimum of out of pocket expense. With no money down and no long-term obligation of a lease or purchase, Metano's Rental Program can satisfy your precise IBC applications quick and economically. Your only commitment is to the daily rental of the container of your choice.



Rental IBC Specifications

- 42" x 48" base
- 10 gauge 304 ss construction
- 2" bung in tank top
- 3" fusible vent/fill cap in lid
- Sloped bottom for complete drainage
- U.N. and D.O.T. certified
- Bottom discharge with 2" ss ball valve
- One-piece top & bottom heads
- Stackable

Metano's IBC Program Offers:

- Low daily rental rates
- Return the IBCs at any time
- No investment in equipment is required
- No minimum and no maximum rental term
- Access to Metano web-based tracking system
- Highest quality stainless steel IBCs on the market today
- Flexible rental plans to accommodate specific requirements
- Take advantage of the benefits of IBCs today with small monthly payments
- Simply return the IBCs clean and in good condition when you no longer need them
- Lower your ownership costs, packaging and shipping costs with a smaller asset base

Renting IBCs allows you to conserve capital, preserve your credit line, and creates greater budget flexibility.

Renting means you will never own expensive obsolete equipment, and you won't have to worry about having the wrong type of container. Our rental program ensures that you don't have underutilized assets wasting space and costing you money.

Stainless steel intermediate bulk containers (IBCs) provide a cost-effective, reliable method of storing and shipping liquids. Our tote tanks are built to last with 10-gauge construction for strength and durability. The one-piece stamped sloped bottom provides 99.5% drainage. Durable and reusable, stainless steel totes save money on labor, storage and freight costs.

Stainless steel IBCs provide an efficient alternative to 55-gallon drums. IBCs are easier to handle, safer to use and better for the environment. The advantages of using IBCs instead of drums cover every aspect of container usage: disposal concerns, product loss, shipping costs, labor costs and liability issues.

One 350-gallon IBC uses 33% less space than six 55-gallon drums.

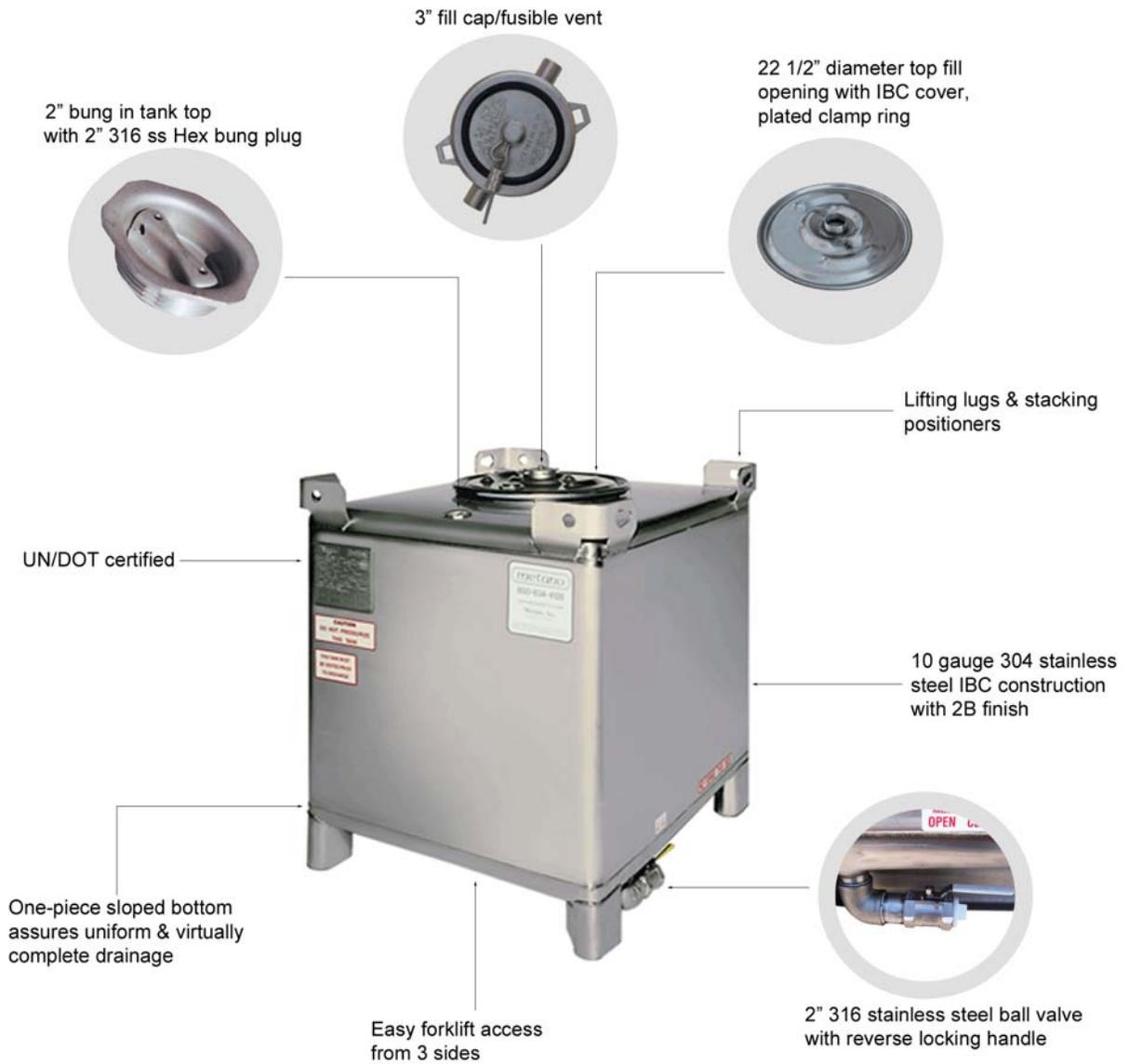
Stainless steel IBCs are reusable. They can be thoroughly cleaned and refilled. Our stainless steel IBCs are designed to drain 99.5% completely eliminating any residual product. The large top opening provides easy access for cleaning.

IBCs minimize the amount of handling required which lowers the risks of accidents. This also saves time and money. Three-way forklift entry makes moving ss IBCs with a forklift easy. IBCs can be stacked three high, whether empty or full, increasing storage space for more cost savings.



METANO STAINLESS STEEL IBC FEATURES INCLUDE

42" x 48" base dimension	for easy stacking
22 1/2" diameter top opening	for easy cleaning
10-gauge metal construction	for greater strength
3" fusible vent/cap	for filling while keeping lid closed
One-piece sloped bottom	for virtually complete drainage
U.N. & D.O.T. certified	for regulated products
Lifting lugs and leg positioners	for easy stacking and lifting
2" bottom outlet with ss ball valve	for easy discharge
2" bung in tank top	for easy access to contents
Stackable	for space saving & easy access



Standard Intermediate Bulk Container Features:

- Patented one-piece sloped bottom assures uniform and complete drainage.
- ¼" thick combination lift lugs for offshore and domestic applications.
- 10-gauge stainless steel IBC construction w/ 2B finish (if applicable)
- 22 ½" diameter top fill opening with removable drum cover
- Pressure relieving and venting device
- EPDM gasket with plated clamp ring
- Stackable up to four IBC containers high
- Patented one-piece stamped valve guard
- 2" top bung opening
- 2" stainless steel valve (if applicable)
- Tank mounted operating instructions and warning labels
- Limitless service life with minimal maintenance

INTERMEDIATE BULK CONTAINER SPECIFICATIONS

Capacity (Gallons)	Base Sizes		Overall IBC Tank Height	Tare Weight
	A	B	C	
180	36"	36"	40½"	300
215	42"	42"	35"	340
250	42"	48"	35"	370
260	42"	42"	41"	385
300	42"	48"	41"	410
305	42"	42"	47"	420
350	42"	48"	47"	470
395	42"	42"	59"	515
450	42"	48"	59"	545
485	42"	42"	79"	600
525	42"	48"	68½"	612
550	42"	48"	71"	630



Stainless Steel



Carbon Steel

Options for Intermediate Bulk Containers:

- Options include aluminum, carbon steel, or stainless steel tanks
- Available in a wide range of height and base dimensions
- Available with different top opening location and sizes
- Rent and Lease-purchase options
- Wide range of available lid gasket materials
- Multiple bung types and locations
- Heating and cooling jackets
- Material and weld finishes to 320 grit
- On-tank volume calibration chart



Our Polyethylene Composite IBCs are composed of an inner container extrusion blow-molded from high density polyethylene and an outer container made of rigid welded galvanized tubular steel grid. They work well with steel, wood or plastic pallets.

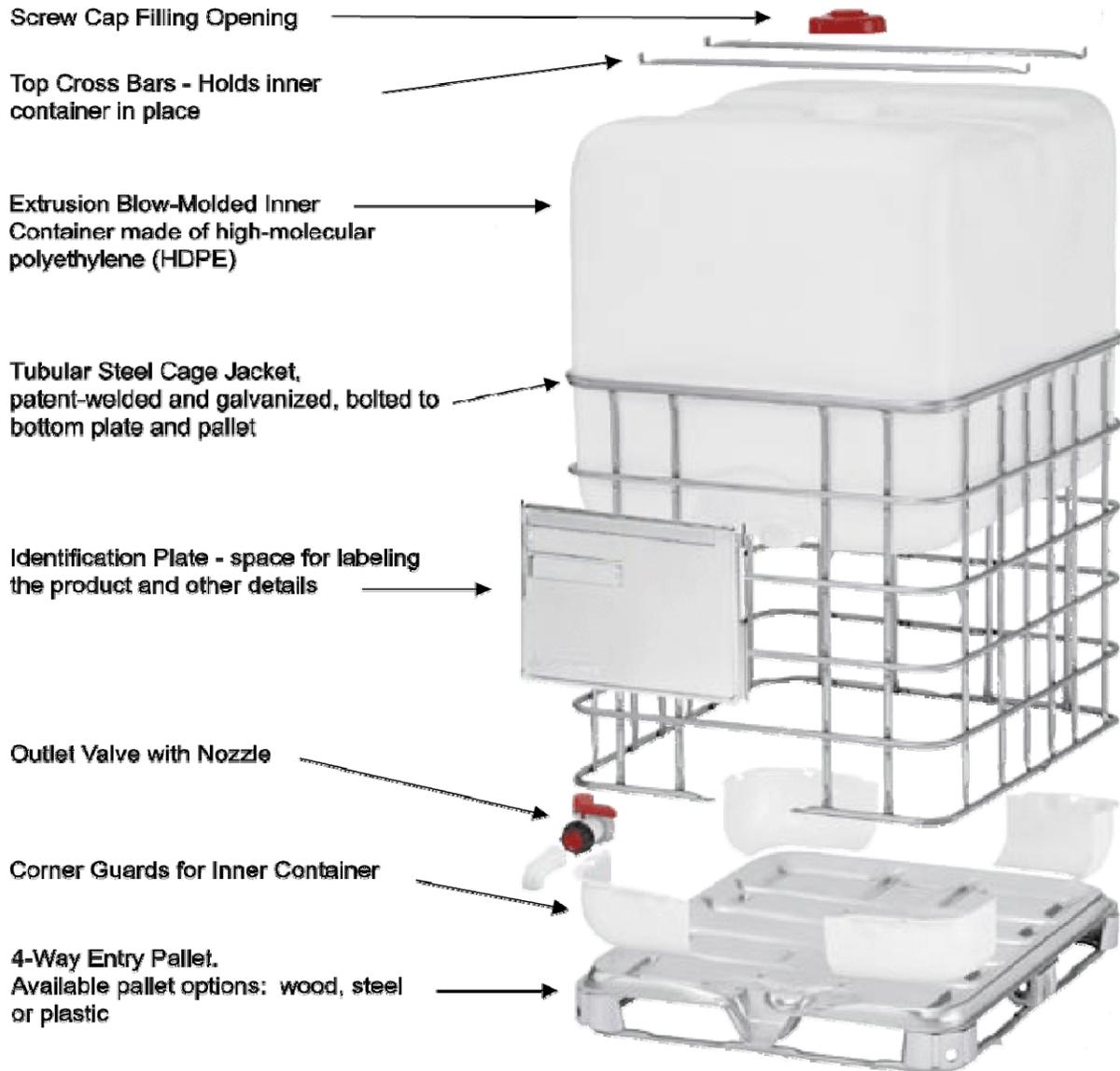
Composite IBCs have the following features:

- Approved for filling products of a maximum density of 1.9
- 4 way fork lift entry
- Can be stacked up to 4-high
- Reinforced, warp-resistant tubular steel grid jacket
- Additional corner guards to protect the inner container
- Perfectly suited for high bay warehousing (specially reinforced bottom plate prevents deflection)

Standard Specifications are:

- UN approval: 31HA1
- HDPE blow molded bottle
 - 275-gallon capacity
 - 300-gallon capacity
- 6" top fill opening with screw cap and "o" ring seal
- 2" poly discharge valve
 - NPT thread or Camlock
 - Viton or EPDM

Polyethylene Composite IBCs - Specifications		
Normal Capacity	275 Gallons	330 Gallons
Length	48 inches	48 inches
Width	40 inches	40 inches
Height incl. pallet	46 inches	53 inches
Approx. Weight:		
with wood pallet	145 lbs.	165 lbs.
with steel pallet	130 lbs.	150 lbs.
with plastic pallet	139 lbs.	159 lbs.



STANDARD FEATURES



- 45" x 45" base dimensions with an overall height of 55"
- HDPE translucent bottle
- 7" polypropylene fill cap with santoprene gasket
- 2" polypropylene fusible vent with santoprene gasket (mounted in 7" cap)
- 2" outlet with 2" ball valve and male camlock
- Sloped bottom for 99% drainage
- Heavy duty attached pallet
- Stacking lugs for alignment and support
- Four-way fork entry
- Two-way pallet jack access
- Two-way anti-tip safety bars
- UV stabilized
- Mold in volume indicator
- Rated for 1.9 specific gravity fluids
- UN31H2 and DOT designed, tested & labeled
- Stackable

OPTIONAL FEATURES

- Pressure/vacuum vent
- 22" top opening
- Mold in graphics
- Custom pallet colors
- Custom bottle colors
- Gasket materials
- Different colors available

CAPACITY (gallons)	TARE WEIGHT (pounds)	LENGTH	WIDTH	HEIGHT
275	219	45"	45"	55"
330	233	45"	45"	62"



IBC COVERS
22 1/2" diameter 10 gauge thickness
Stainless steel
Heavy duty cover
Threaded fill openings
Available with fusible vent installed or flat raised center



BUNG PLUG
Stainless steel
Hex and/or TriSure style
EPDM, Buna, Teflon gaskets



LID GASKETS
22 1/2" diameter black or white EPDM
Viton, Teflon-coated EPDM, Santoprene



BALL VALVE
Stainless steel
Standard/Reduced port
Reverse handle, locking
Sanitary



CLAMP RINGS
22 1/2" diameter plated or stainless steel
Bolted style
Special split clamp ring
Lever lock clamp style



QUICK CONNECT ADAPTERS
Stainless steel, aluminum, polypropylene
Adapters
Dust caps
15° offset adapters



FUSIBLE VENTS
3" Girard threaded fusible vent/fill port
3" Gits 5-in-1 fusible vent
2" Rieke fusible vent



PRESSURE/VACUUM RELIEF VENTS
Stainless steel, polyethylene, polypropylene
Standard pressure settings:
(3.5 PSIG pressure, .5 PSIG vacuum)

More replacement parts available—just call or email for a complete list.



MIXER SYSTEMS

Designed for installation
on most IBC types & sizes
Air, electric & hydraulic driven
Various speeds & sizes
Threaded plate attachment



TANK STANDS

Standard clearance heights:
12", 24", 36", 48", 60"
Custom sizes & colors
available
Stainless steel, carbon steel
construction



INTERNAL HEAT COILS

Specifically designed to allow
for start & finish temperature
requirements
Number of coil turns determined
by application



HEATING/COOLING TRANSFER JACKETS

Can be applied from 1-4 sides,
bottom & top
Dimple design
Channel design



LIQUID LEVEL GAUGE

The At-A-Glance Type D Liquid
Level Gauge is a reliable, swing
arm type tank gauge used for
measuring all types of liquid levels



BELLY BAND HEATER

120 volt or 240 volt
Flexible
Calibrated to temperature
requirements
Complete with thermostat



INSULATING BLANKETS

Constructed of heavy duty vinyl
1 1/2" thick fiberglass insulation
Easily installed & removed
Opening for drum cover, fill access,
& 2" bung plug
Custom designs available

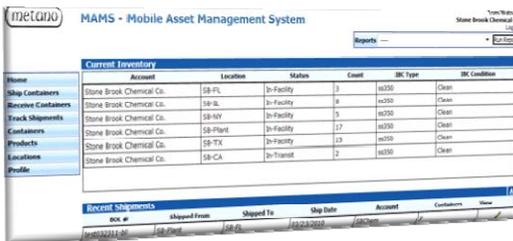


U.N./D.O.T. Testing

IBCs are re-certified in accordance U.N./D.O.T. regulations every 30 months. The tank thickness test is performed every five years. The IBCs are marked accordingly and certificates are issued. All IBCs are routinely accessed for re-certification as part of the cleaning procedure.

Maintenance & Repair

Full welding and repair services are available on site. A complete range of quality replacement parts is maintained for quick turnaround.



Home	Account	Location	Status	Count	IBC Type	IBC Condition
Ship Containers	Stone Brook Chemical Co.	SB-FL	In-Facility	3	40300	Clean
Receive Containers	Stone Brook Chemical Co.	SB-FL	In-Facility	8	40300	Clean
Track Shipments	Stone Brook Chemical Co.	SB-NY	In-Facility	5	40300	Clean
Containers	Stone Brook Chemical Co.	SB-FL	In-Facility	27	40300	Clean
Products	Stone Brook Chemical Co.	SB-TX	In-Facility	13	40300	Clean
Locations	Stone Brook Chemical Co.	SB-CA	In-Transit	2	40300	Clean
Profile						

IBC Cleaning

IBC cleaning includes an interior and exterior wash. The exterior is stripped of all labels and receives a high pressure detergent cleaning. Specialized cleaning nozzles are used to provide 360° high pressure detergent wash for the interior. Valves are inspected, worn gaskets and missing parts are replaced and repairs are made, if necessary.



Tracking

IBC testing and container maintenance is tracked using our web-based Mobile Asset Management System (MAMS). Online access to U.N./D.O.T. documentation, container maintenance history and next re-certification date is readily available.