



Tote Solutions Ltd.

# LiquiFold 315

Intermediate Bulk Containers



# THE PERFECT PACKAGING SOLUTION FOR LIQUID PRODUCTS

The **LiquiFold 315** is a multi-use, ergonomic, user-friendly IBC constructed of an injection molded food grade polypropylene with completely smooth surfaces to satisfy the strictest hygienic standards to guarantee the safe storage, transfer, and delivery of your product. Designed for a wide variety of liquid food products and non-hazardous industrial applications this intermediate bulk container delivers a practical cost-effective distribution solution.

- Improved Safety
- Improved Hygiene
- Improved Ergonomics
- Simplifies Handling
- Reduced Packaging Cost
- Minimizes Packaging Material

# Environment

A reusable container system eliminates the need for large quantities of disposable packaging material and the associated waste and costs for disposal.

The collapsible intermediate bulk container reduces the carbon footprint of transportation requirements. The [LiquiFold 315](#) is completely recyclable, and the used liners can be washed and recycled.



# Efficient

The high-performance construction of [LiquiFold 315](#) translates directly into bottom line benefits, saving money and time with labour, transport, handling, optimization of storage and product utilization. This IBC's excellent design and ergonomic details ensure ease and efficiency for anyone to easily prepare for setup, filling, discharge, shipping, storage or dismantling.

The [LiquiFold 315](#) will yield more product during decant as the surface area of the liner decreases as it empties and the decant point positioned below the base of the container, ensures minimal residue. The disposable nature of the liner removes the need for container washing and product to container dedication, often reducing the number of intermediate bulk containers required.

# Hygiene

LiquiFold 315 IBCs reflect the highest standards of hygiene for handling requirements of food, pharmaceuticals, cosmetic ingredients, and non-hazardous Chemicals. They are molded from FDA approved materials and feature smooth interior and exterior surfaces reducing the opportunity for product contamination and allowing for easy cleaning.

The IBCs flexible liner bag is sterile and can be filled and emptied without introducing air into the container.



# Product safety

The high-pressure injection molded LiquiFold 315 container is made from FDA approved and 100% recyclable materials.

Our IBCs are designed to protect your product during extremely rough handling with reinforced side walls, stainless-steel retaining pins and strong overlapping integrated corners.

The LiquiFold 315 has been tested for transport by truck, rail, and sea container

The high-density polyethylene construction withstands the effects of sun, wind, rain, ice, or snow and allows for long-term outdoor storage.

LiquiFold's insulated walls provide temperature stability for sensitive products. Tamper-evident seals can be placed on the top lid and dispense opening.

# A Revolutionary Packaging Solution for Fluid Handling

- **FDA Approved Hygienic Design**

flat, smooth surfaces and rounded corners ensure the highest level of hygiene and ease of cleaning.

- **Modular Construction**

allows for any damaged components to be replaced individually.

- **Reinforced Sidewalls**

Embedded steel rods in the sidewalls and corners provide added strength.



- **Sidewall Locking System**

with post-and-pocket corner locking ensures optimum strength for high pressure filling and rough rail transport.



- **Identification**

with large areas for labeling and several identification options including serial numbers, bar code markings and RFID options.



- **Lid Locking System**

Secures lids at eight tamper evident locations.



- **Bottom Discharge**  
features built-in slope that enables fast, unhindered flow for emptying.



- **Collapsible**  
containers can be easily and quickly collapsed when empty for space-saving storage and distribution. Up to 5:1 return ratio.



- **Safe Stacking**  
ridges ensure the lid and base interlock when stacked and collapsed, allowing a safe, self-supporting column in storage and distribution.



- **Storage**  
containers can be securely stacked up to five high when filled – even for long-term, outdoor storage. Base and lids interlock to prevent shifting.



- **Handling**  
a forklift compatible base allows efficient and secure handling from all four sides. Compatible with pallet jacks on 44" side only.



- **Lid & Sidewall Hand Grips**  
for optimal ergonomics.

# Technical Datasheet

## LiquiFold 315BD

**STANDARD COLOUR** Ivory/Cream

**VOLUME - Internal Fill Volume** 315 gal (1192L)

**CONTAINER CAPACITY** 3307 lbs (1500 kg)

**FUNCTIONAL TEMPERATURE** 0 °F to +140 °F

**MATERIAL** Polypropylene, Food contact approved,  
Fully recyclable

**PROJECTED FOOT AREA** 15.1 f2(1.4 m2)

**CONTAINER CAPACITY** 3307 lbs (1500 kg)

**TARE WEIGHT** 225.0 lbs (102 kg)

**MAX LOAD STACK (Dynamic)** 7064 lbs (3204 kg)

**MAX LOAD STACK (Static)** 17660 lbs (8010 kg)

**APPROXIMATE RETURN RATIO** 2.5:1

### TRANSPORTATION (folded)

53 ft trailer 168 units

48 ft trailer 120 units

41 ft trailer 110 units

### SEA CONTAINER (folded)

20 ft 50 units

40 ft 94 units

## DIMENSIONS

IN (MM)

### OUTSIDE DIMENSIONS INCL LID

Length 48.6 (1235)

Width 44.7 (1135)

Height 48.0 (1217)

Collapsed Height 18.9 (480)

### OUTSIDE DIMENSIONS EXCL LID

Length 48.0 (1220)

Width 44.1 (1120)

Height 46.7 (1185)

### INSIDE DIMENSIONS

IN (MM)

Length 44.9 (1140)

Width 40.9 (1040)

Height 40.9 (1038)

### HEIGHT STACKED

2 High 94.6 (2404)

3 High 141.4 (3591)

4 High 188.1 (4778)

5 High 234.8 (5965)

### HEIGHT FOLDED

2 High 36.6 (930)

3 High 54.3 (1380)

4 High 72.0 (1830)

5 High 89.8 (2280)

6 High 107.5 (2730)

### FORK OPENINGS LONG SIDE

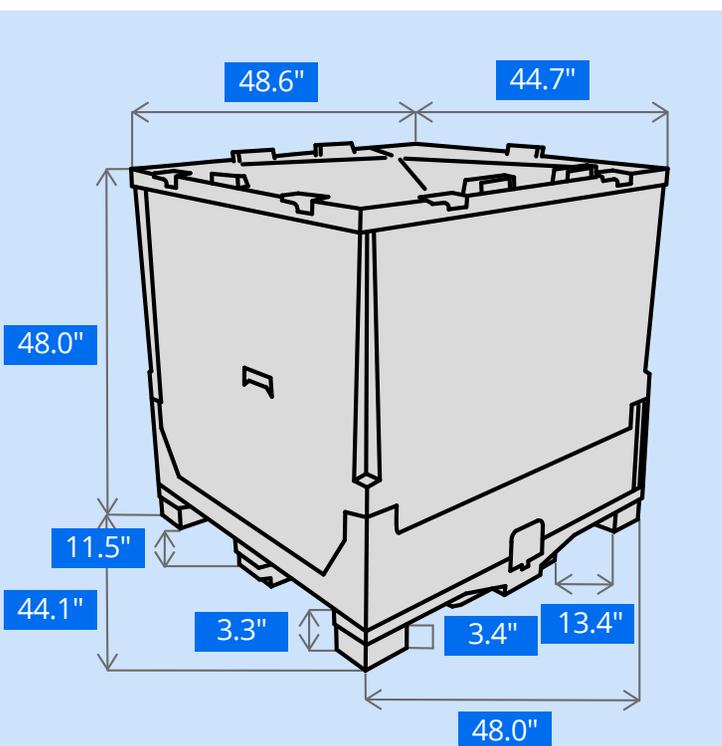
Height 3.4 (86.4)

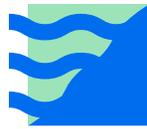
Width 13.4 (340.4)

### FORK OPENINGS SHORT SIDE

Height 3.3 (83.8)

Width 11.5 (292.1)





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