

COMBOLIFE™ 270

RETURNABLE, FOLDABLE IBCS
FOR FLUID HANDLING

270 STANDARD
270BD BOTTOM DISCHARGE

1235 X 1135 X 1030 MM, 1063L



The highly efficient ComboLife 270 bag-in-box system is ideal for handling fluids on intercontinental transports.

The ComboLife 270 is a compact, collapsible IBC designed to handle a wide variety of fluid products. It combines the benefits of a rigid returnable container system with the simplicity of disposable products.

Advantages over traditional single trip systems:

- **Substantially reduced cost per trip**
- **Limited use of packaging materials (only the liner bag is disposable)**
- **Hygiene – does not rot or become corroded**
- **Safety – product protection and track-ability**
- **Easy to fill, discharge and transport**
- **Optimal space utilisation – stackable and foldable**

Bottom line benefits

The high performance of this bag-in-box system saves you money and time on transport, handling and storage as well as delivering a number of indirect savings. The system's excellent design guarantees a long lifetime and the safe delivery of the filled product.

Do more with less

The connection between financial and environmentally friendly logistical solutions is getting stronger all the time.

ComboLife 270 and 270BD give you the best of both worlds, combining a practical, cost effective distribution system with superior resource efficiency.

The CL 270 fits perfectly in sea containers and reefer vessels, minimising freight costs. It is perfectly suited to refrigerated transports, is resistant to moisture and withstands exposure to sunlight.

Thanks to all these advantages, these plastic returnable systems are rapidly becoming the new industry standard.



The ComboLife 270 fully utilises the space in sea container.

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Creative solutions for better returns

Practicality rules!

In designing these IBCs, simple handling was the basic principle which steered product development decisions and led to the creation of a truly ergonomic, user-friendly system. The ComboLife 270 can be easily handled by only one operator, and compared to traditional systems it is also very simple to maintain and keep clean. Moreover, it is constructed of plastic that can withstand extreme temperatures and weather conditions.



HANDLE
Integrated handles make it easy to set up and fold down the walls.



SMOOTH CLEAN SURFACE WITH LABEL AREAS
Smooth surfaces and rounded corners ensure the highest standards of hygiene and safe handling. Special recessed areas are provided for attaching labels with maximum visibility and protection.



OVERLAPPING SURFACE
The walls and base overlap to protect the liner and help keep the inside of the container clean.



SMOOTH SURFACE
The inside walls have a smooth finish and are designed for maximum hygiene and ease of cleaning.



LID LOCKING
The handle locks safely over a locking bolt, and the solution withstands the force of liquid movements during transport.



TAMPER EVIDENT LOCKING DEVICE
The handle is sealed by snap-fit assembling.



ANTI-SLIP FEET
The feet have an integrated rubber pad to prevent movement during transport.



LID DESIGN
The lid is designed to withstand movements of the liquid during all kinds of transport. It is also convex and has drainage grooves to prevent the accumulation of rainwater.



Alternative model

The ComboLife 270BD version has a bottom discharge opening.



SETTING UP
One person can easily prepare a ComboLife 270 for use. The walls are easy to raise and lock in place by hand. The liner bag is positioned inside the IBC with the discharge valve clip-locked in place.



FILLING
ComboLife 270 is compatible with existing filling systems.



STACKING AND STORING
These robust IBCs can be stacked five high. They are weather proof and can be left outdoors for long periods.



TRANSPORT AND DELIVERY
The containers' compact design maximizes space and payload in all modes of transport. Their low weight compared to most other distribution units means lower transport costs.



DISCHARGING
Discharging product from the flexible ComboLife 270 liner bag is easy since it expands when filled and contracts when emptied. The bag contains no air so there is no risk of oxidation or skinning.



FOLDING AND RETURNING
Once the liner bag is removed, one operator can unlock the side walls and fold them down. Since the collapsed volume of empty IBC's is significantly reduced, they require little space in storage and deliver substantial cost savings on return freight.



LINER BAG

A wide range of liner bags is available for CL 270. The liner is built up by a number of film layers and seam welded together. Each layer of a selected material to provide desired performance. To fill and discharge, in- and outlet glands or valves are available in various dimensions and designs.



CONNECTORS

Item no. 4458.350.900
2" camlock m / 2" BSP
Item no 4458.300.900
2" camlock / 2" hosetail
Various connectors are available. The connectors are attached to a filling or discharge hose with the hose either connected to the filling gland or the discharge valve.



FILLING BRIDGE

Item no. 4461.300.000
Filling bridge 300BD 2" sq
Item no. 4461.302.000
Filling bridge 300BD 3" sq
The filling gland on the liner bag is connected to a filling bridge for easy filling.



TAMPER EVIDENT SEAL CL 270

Item no. 4428.011.232
TE seal CL 270
The tamper evident seal is used to secure the four locking handles on the lid.



TAMPER EVIDENT CAP CL 270

Item no. 4457.000.232
TE cap CL 270
The tamper evident cap protect the discharge area during transportation and storage.



EXTERNAL VALVE

Item no. 4458.100.502
Flexi valve 2" camlock
Item no. 4458.110.502
Flexi valve s60 x 6
Item no. 4458.200.502 Cutter.
The external valve is made from food grade plastic.



DISCHARGE OF LINER BAG

To discharge a liner bag equipped with a gland, a membrane needs first to be cut. This is done with a cutter when an external valve is attached to the gland.



ELBOW SPOUT

Item no. 4458.500.102
Elbow spout 45° s60 x 6

Item No. COMBOLIFE™ CL 270	4440.210.502
Item No. COMBOLIFE™ CL 270 BD	4440.220.502
Outside dim. incl. lid (mm)	1235 x 1135 x 1063
Outside dim. excl. lid (mm)	1220 x 1120 x 1030
Folded height (mm)	480
Inside dim. (mm)	1140 x 1040 x 852
Height stacked (mm)	2 high: 2096, 3 high: 3129, 4 high: 4162, 5 high: 5195
Height folded (mm)	2 high: 930, 3 high: 1380, 4 high: 1830, 5 high: 2280, 6 high: 2730
Projected foot area (m²)	1,4
Container capacity (kg)	1500
Tare weight (kg)	93
Max load stack (Dynamic)	3186 kg (2 high)
Max load stack (Static)	7965 kg (5 high)
Volume	Internal: 1011 L, External: 1.49 m³
Approximate return ratio	2,2
Functional temp.	-20°C to +40°C
Transportation (folded)	13,40 m Trailer: 110 units, 2 x 7 m: 120 units, 12,5 m Trailer: 110 units
Sea container (folded)	20 ft: 50 units, 40 ft: 94 units
Material	Polypropylene, Food contact approved, Fully recyclable



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