

MULTI user guide



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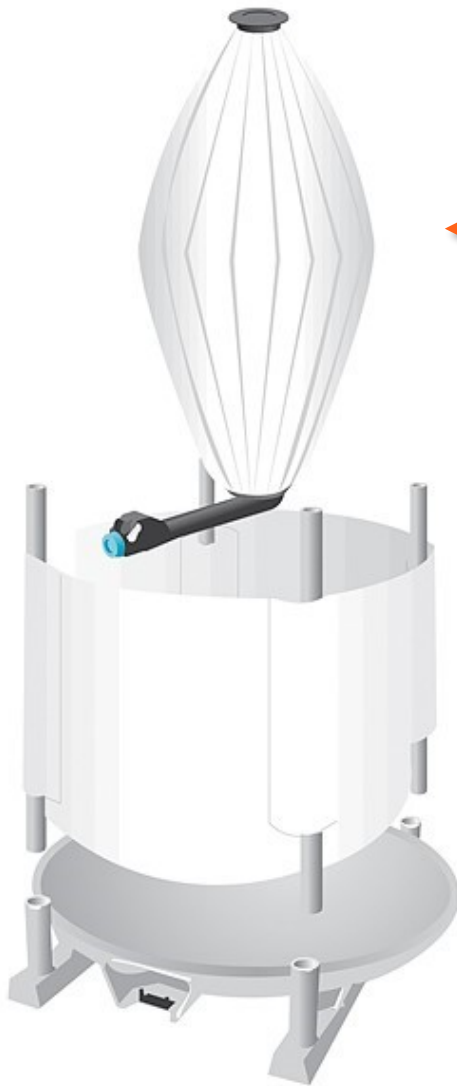


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1. Fluid-Bag MULTI, parts



A **Fluid-Bag MULTI** consists of an inner container, transport bag and metal pallet.

Inner container

Transport bag

Pallet



*Assembled and filled
Fluid-Bag MULTI*

Dimensions (mm)

	900 l	1000 l
L	1150	1150
W1	800	800
W2	1170	1170
H	1120/1225	1220/1325
Ø	1180	1180

2. Preparations

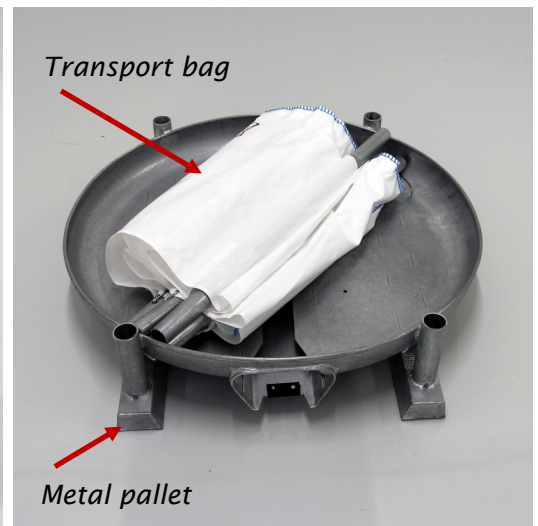
Always use adequate safety gear (safety shoes and protective gloves when applicable)



Pallets and transport bags are delivered in stacks of 7 to 10 pallets, depending on model.

Inner containers are delivered in boxes of 20 or 15 pieces, depending on model.

Boxes and pallet stacks can be handled with fork lifts or pallet jacks.



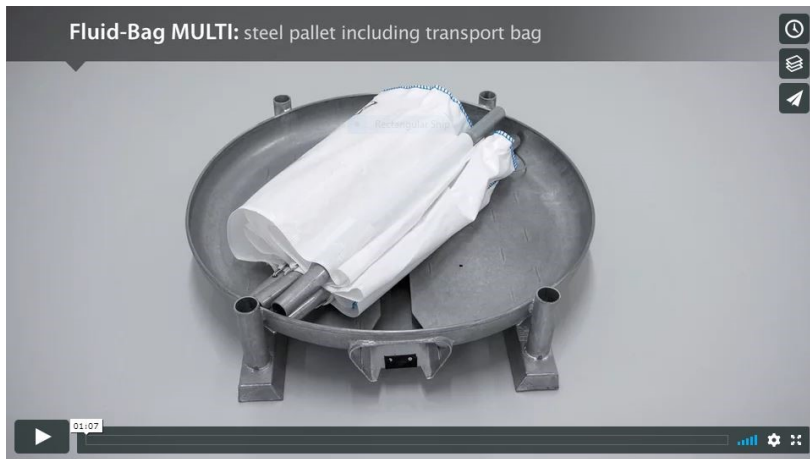
Remove plastic straps and wrapping from the stack of Multi pallets. The single pallets (including the transport bag) can now be lifted down from the stack for assembly.



Remove the straps from the box and open it carefully by opening the adhesive tape. Do not use blades to cut the box open, to avoid any risk of cutting the inner containers.

Inner container, to be assembled in the Multi unit

3. Assembly



Video assembly instructions:

<https://www.fluid-bag.com/media/video-gallery/assembly-fluid-bag-multi>



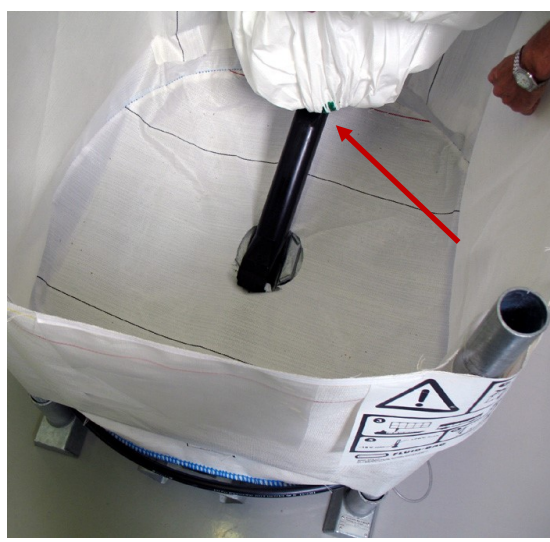
A) Place the transport bag poles into the sockets in the metal pallet.



B) Take the inner container out of the box and place the inner container in the transport bag.



C) NOTE! Do not rotate the discharge pipe or top valve in relation to the PP fabric of the inner container. See instructions on next page, also available in the inner container box.



D) The Fluid-Bag MULTI is ready for filling.

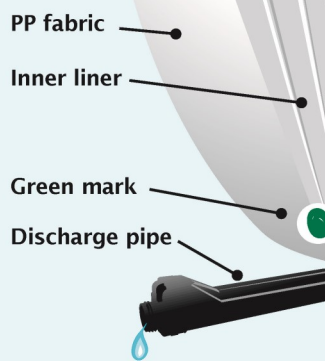
Make sure the green mark on container fabric and discharge pipe are aligned, see next page or instructions in the inner container box.

Instruction labels available in the delivery box

NOTE!

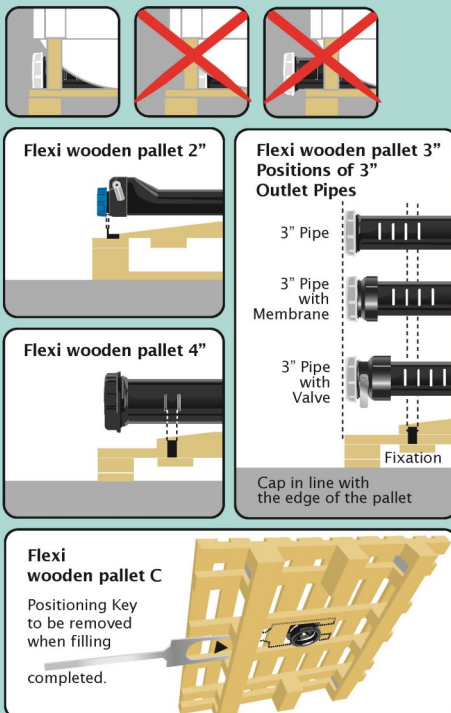
To eliminate the risk of twisted inner liner

- do not rotate discharge pipe in relation to the PP fabric of the container
- make sure that green mark on container fabric and discharge pipe are aligned

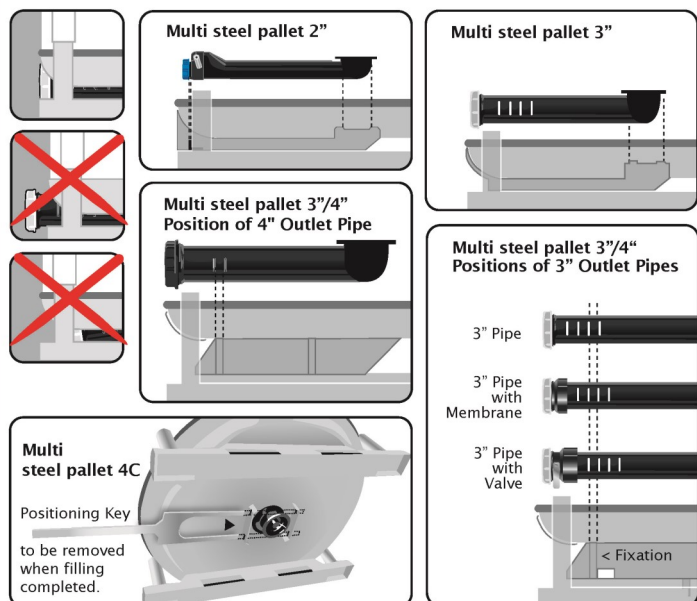


Positioning discharge pipes on pallets

FLEXI, wooden pallets



MULTI, steel pallets



Fluid-Bag Ltd. takes no responsibility for the function and safety of their container systems if non-original FLUID-BAG container components and handling equipment are used.

4. Filling

The Fluid-Bag should always be stretched while filling to obtain the best result. The Fluid-Bag can be filled both from the top and the bottom opening.

Various types of equipment for filling are available on request, contact Fluid-Bag for more information.

The filling equipment includes separate user manuals.

Note: Maximum liquid density: 2.5 kg/dm³
Maximum vapour pressure at 55 °C: 30.0 kPa



5. Handling of filled Multi containers



Fluid-Bag MULTI units can be handled from all four sides with a forklift or from two sides using a pallet jack. Move one container at a time, do not move stacked containers.

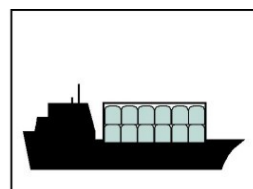
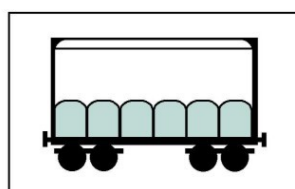
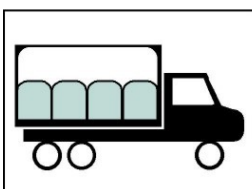
For stacking: fit the pallet above onto the poles below .

Maximum stacking:
3 containers high



6. Transportation

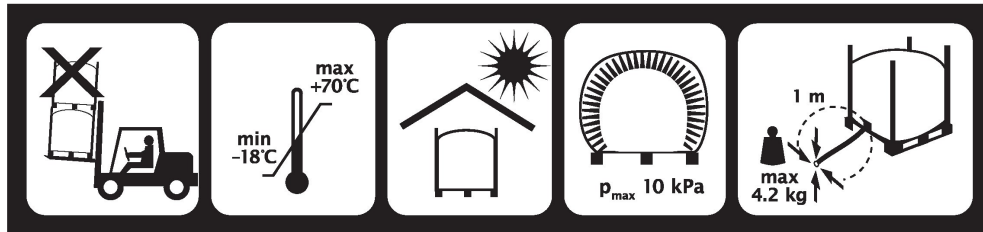
Fluid-Bag FLEXI and MULTI units can be transported by road, rail and sea (in ISO containers).

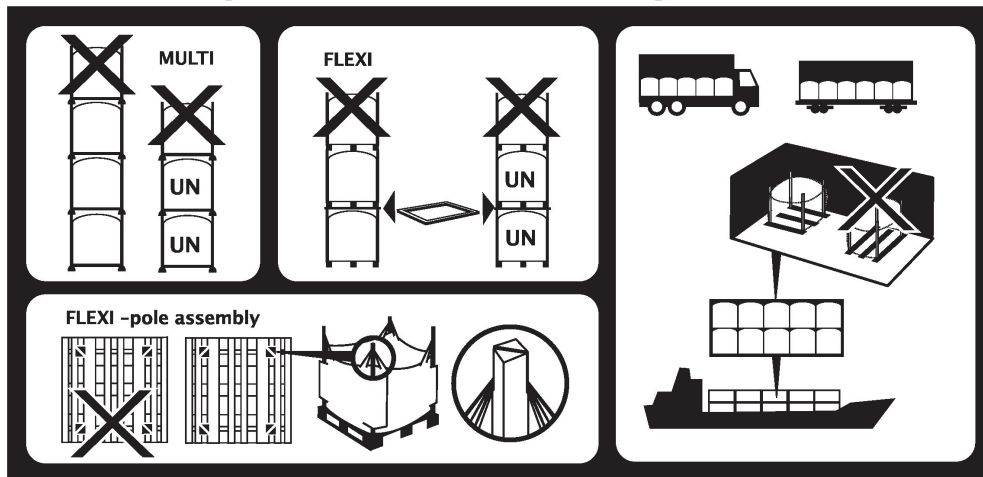
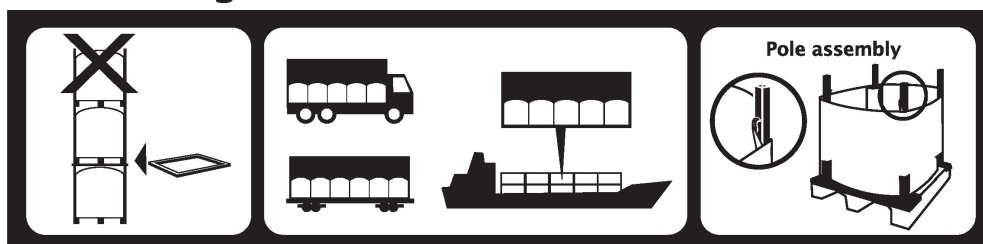


NOTE! For transportation stacking can only be done in ISO containers!

Caution label attached to the Fluid-Bag MULTI

FLUID-BAG CONTAINER HANDLING

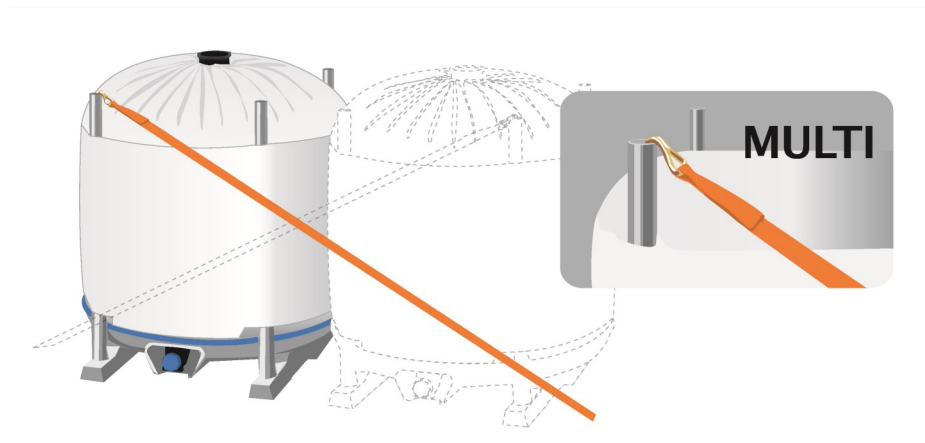

☐ Fluid-Bag MULTI

☐ Fluid-Bag FLEXI

☐ Fluid-Bag STANDARD SIZE PALLET

QA CONTROLLED

Date: _____ By: _____

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How to secure and lash Fluid-Bag MULTI during transport

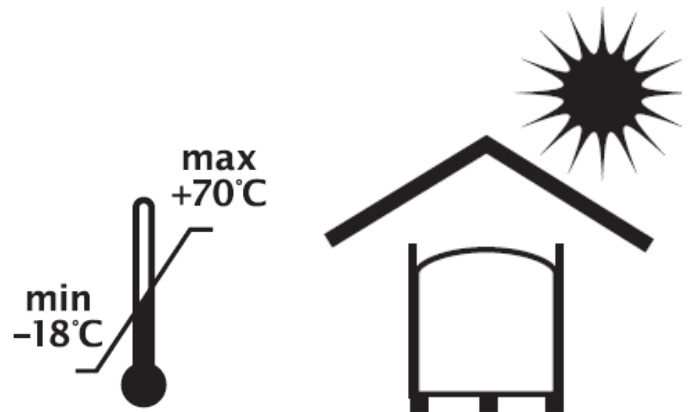


7. Storage

General storage recommendations:

- Store under roof
- Temperature from -18° to +70° C
- For stacking, place the stack on an even floor area.

Store the Fluid-Bag MULTI in accordance with the MSDS of the filled product.

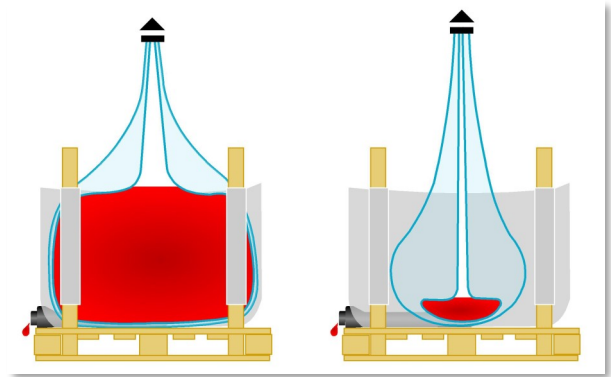


8. Discharging

For complete discharging, always stretch the inner container to obtain the best result.

For more viscous products, various types of discharging equipment are available. Contact Fluid-Bag for more information.

The discharge equipment includes separate user manuals.



9. Adaptors



Fluid-Bag systems may be adapted to liquid handling processes such as:

- stirring with recirculation
- return flow with or without filtration
- aseptic filling and discharge
- gas analysis.

Specialized filling and discharge equipment available from Fluid-Bag Ltd.

10. Dismantle and return



Video instructions available on our website:
<https://www.fluid-bag.com/media/video-gallery/dismantle-for-return-fluid-bag-multi>



Remove the emptied inner container.



Dismantle the first pair of poles in front of the transport unit. The label is always located towards the front.



Grab the opening inside the transport bag. Pull up the bottom, then slide the first pair of poles onto the bottom frame.



Dismantle the second pair of poles in the back of the transport unit.



Check if the bottom of the transport bag is folded inside. Adjust if necessary.



Fold the transport bag and place the poles tightly inside the pallet.

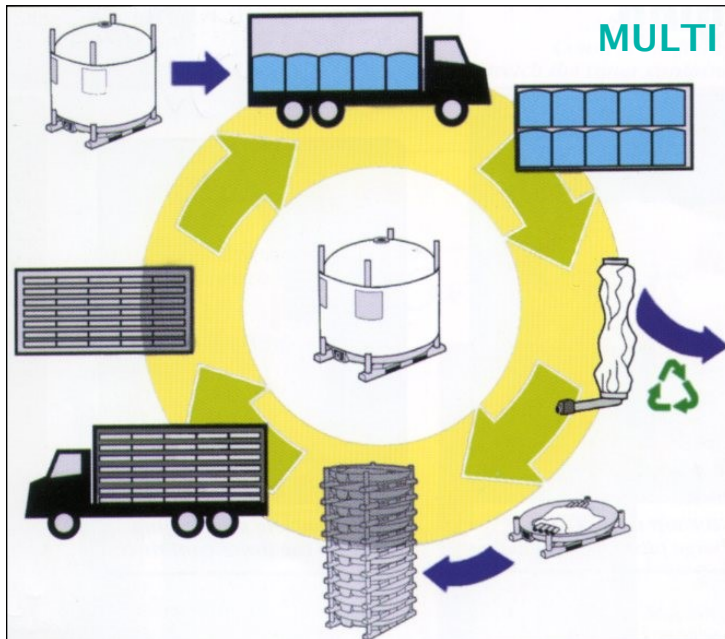


Place the bundle diagonally between front and back sleeves, away from the opening in the pallet. This prevents the poles from sliding out during transport.



The Multi transport unit is now ready to be stacked and returned.

11. Recycling and reuse



Follow local regulations for waste disposal and recycling.

Always read the Material Safety Data Sheet (MSDS) of the packed product for more information on correct disposal.

Material quantities and specifications of MULTI components are available on request.

12. Maintenance



Replace damaged or worn parts before use.

Common spare parts:

- Metal hook for Multi pallet
- Plastic holder for bottom pipe
- Protective edging for steel pallet
- Multi transport bag (excl. poles and hooks)
- Tamper evidence seal for top inlet

13. Additional information

Product Liability

Fluid-Bag Ltd. maintains a global Product Liability Insurance.

Certificates

International testing authorities confirm reliability of the Fluid-Bag.

- ISTA 3E Tested: <https://ista.org/docs/3Eoverview.pdf>
- SP Certification for transport and handling of liquids in flexible IBC, by SP/ Research Institutes of Sweden: <https://www.sp.se/en/Sidor/default.aspx>
- ISO 9001, 14001 and 22000

Claims

Please immediately contact your nearest Fluid-Bag sales office with information on the time and place of damage including identity of the container (see test/ID label attached to the top valve).

NOTE! Please ensure the container or other item is stored for possible inspection or until further instructions are given by Fluid-Bag Ltd.

Thank you for helping us develop our quality assurance system.

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