Fluid-Bag containers

The ultimate protection for your valuable skin care products

Leaner process with our flexible 900 and 1000 litre containers: a closed system with single-use, high-barrier liners and unrivalled discharge results.

www.fluid-bag.com
Fluid-Bag
the GMP compliant flexible IBC for liquid and semi-solid cosmetic products

A sealed and closed container from filling to discharge > no risk for particle, bacteria or moisture contamination.

Single use inner container > no costs or efforts for cleaning

Unrivalled discharge results (0,5 % residue) > no product losses due to insufficient discharge

Flexible container > simplified handling and transport, reduced storage space

MULTI designed for frequent and short distance transport. 1000 and 900 lt.

more information on www.fluid-bag.com
Fluid-Bag is suitable for:

- **Internal logistics:** as a container for intermediate storage and for internal transports between production, store room and packaging department etc.

- **External logistics:** for transportation by road, rail and sea. A wooden pallet is also available for one-way long distance transports.

- **The containers** can be irradiated to hygiene level and are produced in ISO 22000 certified facilities.
Why Fluid-Bag instead of the traditional way?

The list to the right shows the improvements that a "typical" Fluid-Bag System can bring on a yearly basis. The figures are based on examples from our customers' experiences.

- 0% cleaning costs
- 90% reduction of return freights
- 80% less residual waste
- 80% increase in payload of transported material (compared to 1000 l steel tanks in a 20 ft container)

1 FLUID-BAG 20 inner containers = 20 1000 litres
Working steps with Fluid-Bag’s
MULTI distribution system

1. Assembly - easy assembly of inner container, transport bag and pallet.

2. Filling - fill the Fluid-Bag from top or bottom.

3. Handling - made easy; the Fluid-Bag can be fork lifted from all four sides and from two sides with hand trucks.
Working steps with Fluid-Bag’s MULTI distribution system

4. Transportation – by road, rail and sea, the 900 l version can be stacked two high in standard 20 ft containers. Also suitable for use in internal logistics.

5. Discharge – connect to a pump and stretch the Fluid-Bag for optimum discharge results. For more viscous products a Discharge Roller can be used.

6. Recycle and reuse – recyclable single-use inner container, reusable transport bag (25 times) and steel pallet (100 times).
The right equipment for great results

The Filling Station ensures that the Fluid–Bag container is always consistently filled to the optimum.

- The pneumatically operated Filling Station stretches the empty inner container to its maximum length in preparation for filling.

- As the container fills, the lifting bridge is drawn down due to the weight of the filled liquid, ensuring that the inner container is filled symmetrically and to the maximum.

- The Filling Station can be positioned on a weigh scale for accurate filling to a pre-set weight or volume.
The right equipment for great results

The automatic Discharge Roller is designed for rapid and efficient discharge of high-viscosity liquids.

- The Discharge Roller is equipped with advanced automation, which minimizes the need for supervision.
- The Discharge Roller is designed for incorporation into new and existing production and packaging processes.
- It cleans the inside of the container foil, which combined with the vacuum created by a pump empties the container.

Example image, there might be small variations between models.
Fluid-Bag Ltd.
a Finnish company

which since the 80’s has provided 900 and 1000 litre flexible container systems, perfectly suited for sensitive and high-viscous liquids, pastes and semi-solids.

Fluid-Bag’s containers are successfully used by major international players such as Bayer Healthcare and Clarins. They can be used to transport products such as ointments, lotions and other types of water-based liquid and semi-solid products.

WE LOOK FORWARD TO MEETING YOU!