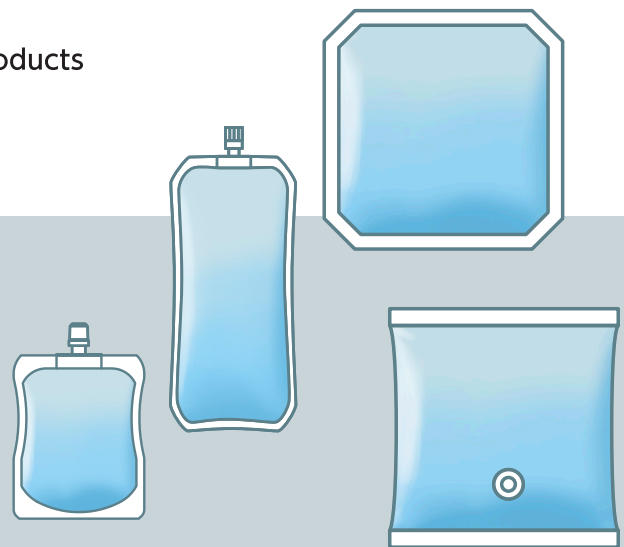


# Chilled filling & mineral water

Clean technology developed to distribute chilled products and mineral water safely over a longer period.

Ultra clean filling is possible by combining HEPA clean booth, inner surface aseptic tube film, UV sterilization and so on. It is ideal for businesses such as chilled distribution and mineral water, where demand for product safety is increasing today.



## Freco pack system (mineral water)

This is a "new liquid container system" that uses "Freco Pack" packed with clean filling technology in a special hard case that matches the bag shape. It can be refilled easily and can be stored in the refrigerator door. The used bags can be folded and discarded.



Open the slide knob on the side of the hard case and open the top cover.



Various opening openings can be customized depending on the shape of the seal head.



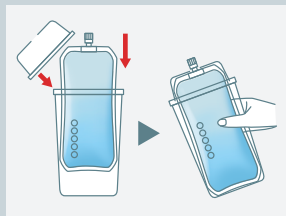
Use with a handle that is easy to grasp.

## Bag-in-box (large capacity type with spout)

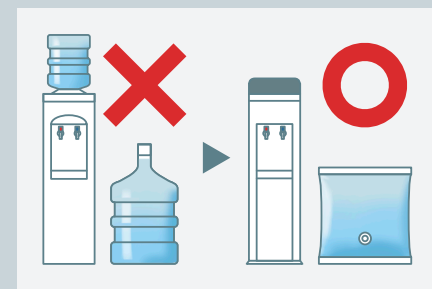
This is an ultra-clean packaging system that fills in a sterilized environment. Airless filling without head space is possible. In-line UV sterilizer and disinfection filter are standard equipment. Ideal for filling non-heated mineral water.

## Tube pouch (with spout)

This is an ultra-clean packaging system that uses a roll film supply system, an internally sterile tube film and filling in a sterilized environment. Equipped with in-line spout sterilization mechanism as option, airless filling without head space is possible.



A dedicated hard case can be used.



## Tube pouch Onpack-T1000

Volume : Max.7.6L

Capacity : Max.12ppm



Size pouch 4 side seal 4 sides seal with spout

Film width : Roll width 450mm  
Pitch 400mm  
Seal method : Box motion



Roll film supply system using inner sterile tube film. This is an ultra-clean packaging system that fills in a sterilized environment. With a level of cleanliness that can be used to fill medical solutions, it can also be filled with mineral water and medical cleaning solutions. In order to store it in a compact water server, the bag has the ultimate tension so that as much content as possible can be placed in the smallest possible bag. Packaging format is 4 sided seal to improve pinhole resistance during transportation. It is also possible to attach a spout.



## Tube pouch Onpack-T500 (with spout)

Volume : Max.3L

Capacity : Max.20ppm(When volume 2L)



Size pouch : 4 sides seal with spout

Film width : Roll width 350 - 460mm  
Seal method : Heat seal (servo drive)



Ultra eco-pouch that enables extension of shelf life. Roll film supply method using internally sterile tube film. This is an ultra-clean packaging system that fills in a sterilized environment. Ideal for filling water products.



## Freco pack system Onpack-13000ALS (Freco Pack)

Volume : Max.2L

Capacity : Max.20ppm



Size pouch : 4 side seal Stand Up with spout Freco pack

Film width : Roll width 420mm  
Pitch 350mm  
Seal method : Scatt seal



Space-saving design for efficient use of factories. By making bags and filling packaging directly from roll film, significant cost reduction is possible.



Freco pack

## Stand up Pouch Onpack-13000A

Volume : 70mL - 1L

Capacity : Max.25ppm



Size pouch : Size pouch 4 side seal Stand Up with spout

Film width : Roll width 290 - 590mm  
Pitch 70 - 180mm  
Seal method : Scatt seal



Standing pouch with spout

## Bag-in-box (large capacity)

### Onpack-7916 (high speed)

Volume : 5 - 9L

Capacity : Max.16ppm



Size pouch : Pillow pouch Pillow pouch with spout

Film width : Roll width 750mm  
Pitch 350 - 450mm  
Seal method : Horizontal seal  
Moving scat seal (servo drive)



A spout is sealed to a roll film sterilized with UV, and the product is continuously filled. Multiple HEPA filters are attached to the upper part of the machine, so that the inside of the filling zone is always kept at a positive pressure during operation, and the product can be packaged in a cleaner environment. A splicer can be installed as an option.

### Onpack-5750 (standard type)

Volume : 5 - 10L

Capacity : 2.0 - 2.5t/hr



Size pouch : Size pouch Pillow pouch Easy open

Film width : Roll width 530 - 760mm  
Pitch 450 - 700mm  
Seal method : Vertical seal : lap seal  
Horizontal seal : double seal



※It can be changed to a spout specification as an option.

※ Packing speed and filling volume can be varied depending on the filling product and packaging material.