



FLEXISUIT

USER GUIDE





Read this before putting on the Flexisuit:

Dry suit zipper.

The specially designed water, gas and pressure proof zipper is extremely strong, when correctly handled. Each zipper is thoroughly tested at the factory prior to delivery. By following the instructions for usage and handling with care it will last the lifetime of the suit.

Damage will only occur when the zipper is badly treated. A damaged zipper can not be repaired. The replacement of a zipper must be done by an authorized dealer or at the factory.

Before using the suit for the first time

Apply lubricant stick along the zipper. During the procedure, the zipper should be opened and closed a few times.

How to close the zipper

To close the zipper, first make sure that the rubber protection under the zipper is flat. Then position the zipper so that the 2 sets of metal teeth are parallel to each other.

Close the zipper slowly with only *one finger in the zipper loop* and apply pressure only in the exact direction of the fastener. *If the zip should be sluggish or get caught, do not use force. If caught, the fastener should be pulled back a bit and the zipper should be adjusted into the right position. Never force the zip parts together.*

The opening of the zip must also be done slowly and along its entire length. Never only partially open the zip.

How to take care of the suit

After diving in salt- or chlorinated water the suit should be washed in clean freshwater. After diving in dirty or sandy waters we recommend a more thorough cleaning with soap, lukewarm water and a soft brush. A tooth brush is suitable for cleaning the zipper. Please note that a metal brush or any other sharp object is not to be used. Also clean the inside of the suit.

After cleaning the suit hang it to dry in a shady place. When the suit is dry on the outside, turn the suit inside out and let it dry on the inside.

When folding the suit make sure that the valves do not press against the material of the suit.

The zipper must not be exposed to folds and/or other harmful treatment.



Putting on the suit

Start by making sure the dry suit zipper is fully opened.

When this is done, start by putting on the suit, feet first. When both feet are in the suit, pull the suit as high up over your hips as possible.

In those cases where the suit is equipped with leg seals, instead of boots, pull the legs of the suit so that the leg seals are placed at your ankles.

Leg seals do not require double folding.



Next, put both arms in the suit.

Pull the arms so that the wrist seals are located on your wrist, close to the hand.

The Neoprene wrist seals do not require double folding.



When putting your head through the neck seal, start by getting a good grip on the zipper, as shown in the picture.

NOTE! It's important that you **DON'T** grab a hold of the neck seal when doing this, as you risk damage to the suit.

Now, pull the suit upwards enough to get your head in under the suit. The suit material is flexible enough to allow this.





Lift the zipper over your head and push your head through the neck seal.



Pull the neck seal down over your head until it ends up in a comfortable position.

The neck seal does not require folding as it can be used as both single- and double cuffs.



Close the zipper and make sure it is fully closed.





How to take the suit off.

Open the zipper as much as it is possible and make sure it is fully opened.

Grab both the neck and neck seal and lift them up over your face, until they are located on your forehead.

NOTE! Do **NOT** pull on the neck seal alone.



With both hands, grab on to the zipper close to the inlet valve and pull the neck and neck seal over your head. As shown in picture



Drag the suit down over your shoulders until at least one elbow is free.

Pull the arm with the free elbow, out through the arm of the suit, turning the arm of the suit inside out.

Then pull out the other arm, turning the arm of the suit inside out.

You can now take of the rest of the suit by pulling it off, turning the suit inside and out.

Do NOT pull on the arm cuffs of the suit!





The dry suit before and during a diving:

Connect the air hose from the first stage outlet (max. 13 bar) to the inlet valve. Inflate the suit somewhat more than normal and then release the air. This ensures that the suit will not fit too tight - and at the same time it enables you to test the functioning of the seals and valves.

The normal weight load is approx. 12-15 kg - i.e. approximately twice the weight used for a wet suit of corresponding thickness. The amount of weight should be adapted to every individual diver.

Under normal weight balance and with the reserve air only left in the tanks, the diver should slowly descend from the surface after releasing the air from the suit. At this weight it is possible to swim comfortably and to easily ascend to the surface with the help of the inlet valve.

Maximum weight should only be utilized when there is an especially great need for resting steadily on the bottom in an upright position. Comfortable ascents to the surface are possible even at maximum weight.

By keeping you warm and giving you control over your buoyancy, the dry suit makes diving safer. Many of the suit's features combine to prevent uncontrolled inflation. If the inlet valve should jam in the open position, the hose can be easily released by means of its quick connection.

The suit can also be opened at the cuffs. In addition, you can reach the zip fastener even when wearing the suit - and can thus release air that way. Even if all air is released from the suit you can retain positive floating power by removing the weights. When the suit is inflated it also functions as a life jacket. It keeps the diver high above the surface of the water, even in heavy seas.

Make sure you have undergone the proper training prior to using a dry suit for the first time.

How to store and transport the dry suit:

The carton in which the suit is delivered is only meant to be transport packaging. The suit should therefore be unpacked as quickly as possible. Poseidon's special dive bag should be used for transporting the suit.

When the suit is hung up - e.g. for drying it is important that it hangs freely without pressing against any other object. During storage it is also important that the suit is not squeezed between other objects and that it does not rest against sharp corners or edges, etc.

A special hanger should be used. It is important that the collar and hood are not crushed. Before storage the zip should be treated in accordance with the instructions outlined earlier in this brochure.

Accessories included:



- Air supply hose, length 80 cm
- Lubricant stick

Extra accessories:

- Underwear in different thickness (Flexibase)
- Hood
- Neopren gloves, 3- & 5-finger
- Rock Boots
- Air supply hose, length 90 cm