

orca OPENWATER<sup>CORE</sup>

# EXPLORE THE SEA

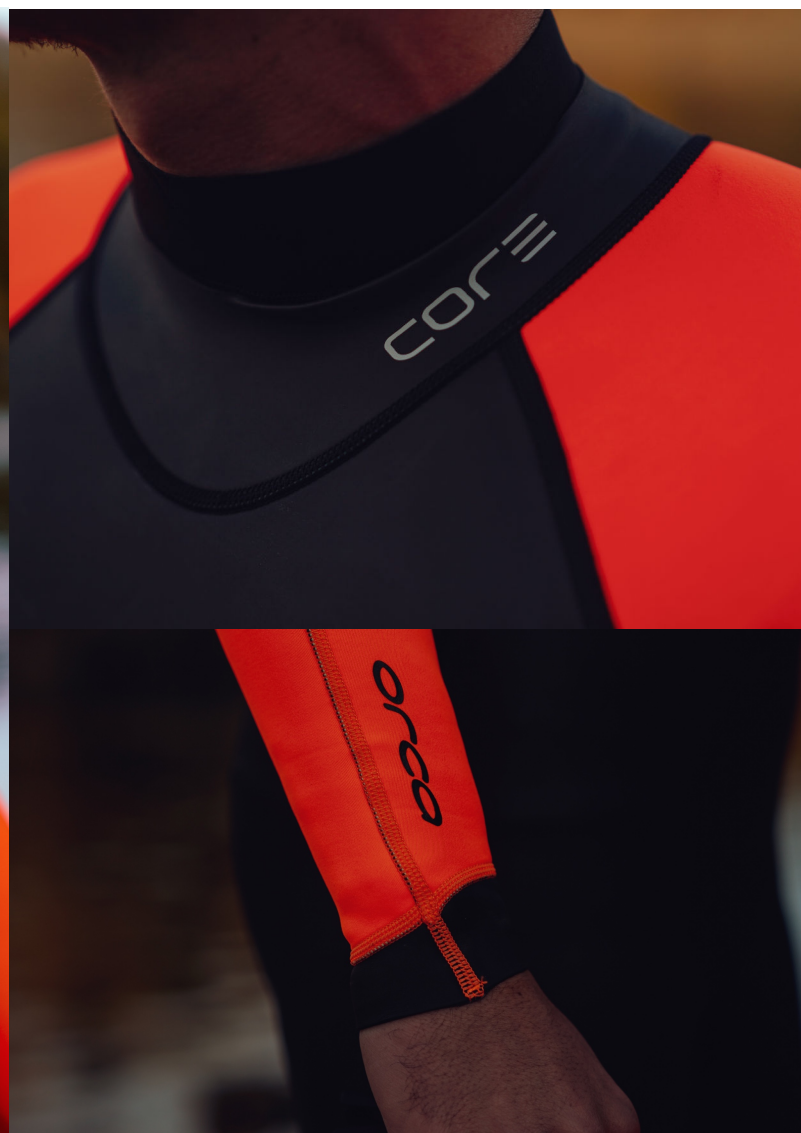


## OPENWATER<sup>CORE</sup>

The Openwater Core Hi Vis is the perfect wetsuit for swimmers who want to get started with the open water safely.

This wetsuit features high visibility, flexibility in the shoulders and a neutral buoyancy. High visibility panels on arms and legs make you easily recognizable while swimming, even from great distance.

The high flexibility in the shoulders makes your first workouts in open water very comfortable, while the buoyancy will keep you feeling secure.



TECHNOLOGY

OPENWATER<sup>CORE</sup> MEN'S

- 1 **VSC**  
ULTIMATE SEAL COLLAR
- 2 **39<sup>cell</sup>**  
39 CELL
- 3 **38<sup>cell</sup>**  
38 CELL



- A **o2**  
INFINITY SKIN 2
- B **hydro-lite**  
HYDROLITE
- C **SCS**  
SCS

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## TECHNOLOGY



### YAMAMOTO 38

The 2.5 mm Yamamoto 38 material is used in the torso and legs. In this area, there is less distortion than in the upper body. In these areas, elasticity is not given the same importance, so materials with more compressive characteristics such as this Yamamoto 38 can be used. This technology provides a good fit to the swimmer's body, preventing the wetsuit from separating from the skin and water flowing into the suit.



### YAMAMOTO 39

For more flexibility in all phases of the swim stroke, Yamamoto 39 neoprene is used together with 2 mm Infinityskin high-end lining. This material has high elasticity that allows it to be used in different areas of mid-range wetsuits. For fast, short-distance movements, such as those in the arms and especially the elbow, this material requires 35% less force than conventional neoprene. For slow, long-distance movements, such as in the shoulders, it requires 45% less force than conventional neoprene.



### HIGH VISIBILITY

To keep you as safe as possible in the water, this wetsuit has been designed with a high-visibility orange that will make you visible to boats and other swimmers, so you can be located at any time.

# MADE TO LAST

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This product's unique design is based on the best available materials in the market. Orca works closely with Yamamoto Corporation to develop new materials for their wetsuits. The exclusive Orca 0.88 Free and Yamamoto 44 materials are proof of this. Orca is also the only brand that is certified to make all our suits using exclusive Yamamoto material, ensuring the highest quality in all products.

Currently, the most sustainable raw material for obtaining neoprene is limestone, compared to other much more polluting processes in which lower quality neoprene is obtained from oil. The process of obtaining neoprene from limestone was developed in the 60s by the Yamamoto company and it has been perfected over time to arrive at the current process, where the best quality neoprene is obtained. Not only do the characteristics of this neoprene contribute to its better performance, but they also ensure its maximum durability.

Other very important materials in our products that may go unnoticed are the materials used for packaging. To minimize the impact of these, as of 2020, our entire range of wetsuits and accessories uses recycled cardboard packaging instead of single-use plastic.

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LN27 OPENWATER<sup>CORE</sup> MEN'S

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LN67 OPENWATER<sup>CORE</sup> WOMEN'S

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# CARE TO LAST

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**To ensure the maximum durability of your wetsuit, it is recommended to pay special attention to three aspects of care; cleaning, storage and transport.**

## Wetsuit Cleaning

Neoprene can be damaged by excess salt or other disinfectants such as chlorine if used in swimming pools. It is important to wash the wetsuit with plenty of water. A small amount of neutral pH soap can be used and then rinsed out. Once clean, make sure it dries so that it doesn't retain moisture, outside or in a ventilated indoor space without direct exposure to sunlight as this can damage the materials.

## Storage

Storing the wetsuit properly keeps the materials and seams from being folded and stressed over long periods of time. It also prevents the appearance of wrinkles on the material which can affect both the wetsuit's durability and its aesthetics.

The best way to store the neoprene is to hang it from its middle, so that the most sensitive areas such as the shoulders and arms do not have any kind of tension on them. For this model you can use a hanger if you can't hang it in half, as long as it is wide enough for the wetsuit not to be stretched in the shoulder and neck area.

## Travel

Although traveling time takes up such a small amount of a wetsuit's useful life, it is important to keep in mind that each time it is worn, it has to be transported. Poor transportation, even if it is for short periods of time, can shorten the life of your wetsuit.

Compressing or wrinkling the wetsuit during transport is not recommended, especially in the seam areas. It is also advisable to rinse it off with fresh water before transporting it after it has been used. Be careful that the wetsuit is not stored in high temperatures (such as in a hot car), as this can speed up its degradation.

The elasticity of the top of this wetsuit allows the sizing in this area to adapt well to different bodies. However, the bottom sizing must be adjusted due to the thickness of the panels. So, if the size guide suggests going up a size, plan on weight affecting the sizing more over chest and height measurements. If you have any questions about sizing, contact [info@orca.com](mailto:info@orca.com)

