

ORCA OPENWATER^{RS}

SMART, SAFETY, SUPPORT & SPEED



OPENWATER^{RSI}

The Openwater SW is the safest wetsuit in Orca's open water range. It combines the technology in all our wetsuits with safety features. Among these is the Emerid identification system, the high visibility panels and the Restube buoy hitch.



TECHNOLOGY

OPENWATER^{SW} MEN'S



- 1 **VSC**
ULTIMATE SEAL COLLAR
- 2 **39^{cell}**
39 CELL
- 3 **38^{cell}**
38 CELL

- A **392^{hydro}**
INFINITY SKIN 2
- A **SCS**
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- B **HYDROLITE**

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TECHNOLOGY



YAMAMOTO 39

For increased flexibility in all phases of the swim stroke, this product features 1.5 mm Yamamoto 39 neoprene. 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.

Yamamoto 39 technology is also used in the torso to ensure sufficient thermal insulation for competitions. Its 3 mm thickness and Infinityskin lining provide 77% more protection than if you did not wear a wetsuit.



SCS COATING

The SCS coating is used to optimize water glide, which minimizes water resistance by improving the wetsuit's hydrodynamics. This coating offers a 60% decrease in water resistance compared to a conventional wetsuit, which allows for increased speed.

TECHNOLOGY



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.



RESTUBE READY

In addition to this system, the wetsuit features a Restube Ready hitch, for attaching the Restube buoy without needing a belt. This keeps the buoy more stable and prevents wear to the wetsuit from rubbing with the belt. Restube is a compact safety buoy that the swimmer can activate in case of emergency with a trigger.



NFC IDENTIFICATION SYSTEM

This wetsuit features Emerid, a universal identification system using NFC/Contactless technology that instantly provides the athlete's information in the event of an accident or emergency, without the need for batteries or a downloaded application. By placing a mobile phone near the wetsuit's device, a page will be opened showing the vital data needed for fast medical assistance. It also includes the location and training times.

MADE TO LAST

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.

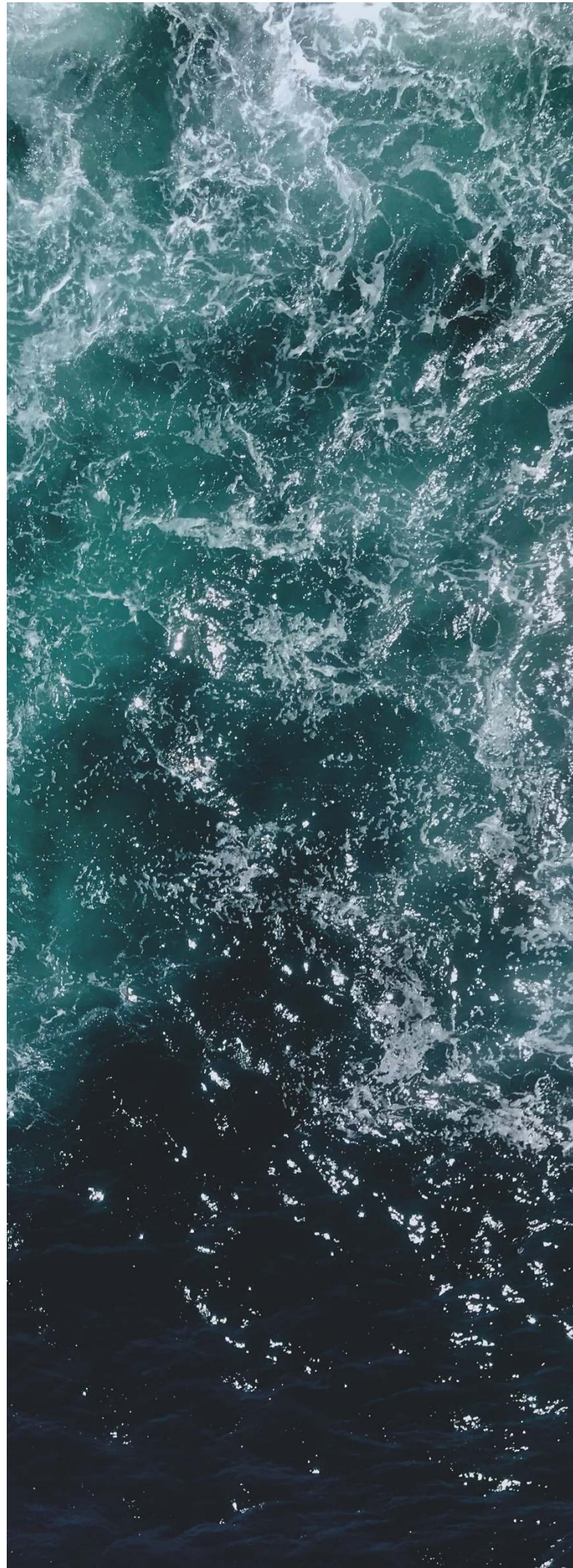
Currently, the most sustainable raw material for obtaining neoprene is limestone, compared to other much more polluting processes in which lower quality neoprene is obtained from oil. The process of obtaining neoprene from limestone was developed in the 60s by the Yamamoto company and it has been perfected 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.

KN20 OPENWATERSM MEN'S



KN60 OPENWATERSM WOMEN'S



CARE TO LAST

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. Also, due to the thinness of the panels, the bottom can adapt to different sizes. So, if the size guide suggests more than one size, you have some room for error when choosing. If you have any questions about sizing, contact info@orca.com

