

orca OPENWATER^{RS1}

RS1 THERMAL



OPENWATER^{RS1}

The Openwater RS1 Thermal is the most thermally insulated wetsuit in the open water range. This is because it is the first swimming wetsuit on the market to use a "Batwings" construction on the back and it is designed to provide maximum flexibility without compromising thermal insulation. The most advanced technologies are used.



TECHNOLOGY

OPENWATER^{RSI} MEN'S



OPENWATER^{RSI} WOMEN'S



TECHNOLOGY



BATWINGS

To avoid heat loss in the back through the zipper, this model features a "Batwing" construction consisting of a second layer of neoprene. This layer prevents water from seeping through the zipper and coming into direct contact with the body, keeping a layer of warm water inside. It also guarantees a very snug fit in the neck, reducing friction and water entry from the neck area into the suit.



THERMAL-X

The RS1 Thermal incorporates a thermal lining that functions as a heat trap. This high-performance inner lining retains heat more efficiently than other conventional inner fabrics. It is also comfortable and soft to the touch.



YAMAMOTO 40

The material used on the shoulders of the RS1 Thermal is Yamamoto 40 along with the Infinityskin lining. This material is capable of stretching by up to 130%, more than double its original size, providing maximum performance in your swim stroke. In our tests it has proven to be one of the best materials for the large ranges of movements that occur in the shoulders. It has 72% less resistance to these movements than a conventional wetsuit.



YAMAMOTO 39

In the torso, Yamamoto 39 technology which is up to 5mm thick provides maximum thermal insulation where it is needed most, without affecting the positioning of the swimmer or restricting movement. In our tests, this technology was shown to provide 85% greater insulation than not wearing a wetsuit.

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. We are also the only brand that is certified to make all our wetsuits using exclusive Yamamoto material, ensuring the highest quality in all products.

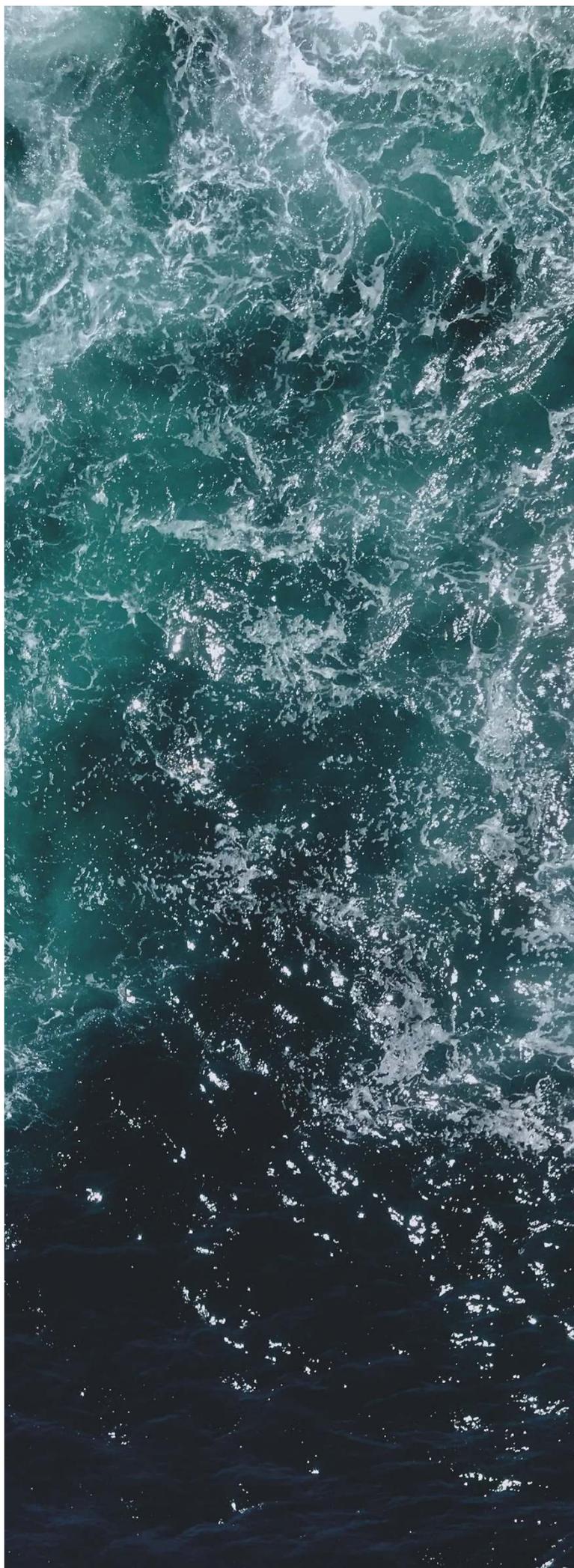
Currently, the most sustainable raw material for obtaining neoprene is limestone, compared to other much more polluting processes in which lower quality neoprene is obtained from oil. The process of obtaining neoprene from limestone was developed in the 60s by the Yamamoto company and it has been perfected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

LN21 OPENWATER²⁵ MEN'S



LN61 OPENWATER²⁵ 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 wetsuit 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. It is not recommended to use a hanger to hang this model, since because of the high elasticity of the material in the shoulders, it can buckle from the weight of the wetsuit itself.

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 at 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

