



Seawastex®

The future of paddlesport gear

From 2026, Palm Equipment will introduce Seawastex® recycled nylon into its apparel line – including jackets, drysuits and pants in 2-layer, 2.5-layer, and 4-layer materials. The face fabrics will be made from 100% Seawastex®, turning marine waste into premium paddlesport gear.



WHAT IS SEAWASTEX®?

Seawastex® yarns are made from discarded fishing nets and other marine nylon waste. Through partnerships with coastal governments, manufacturers, and recyclers, these nets are collected, dismantled, cleaned, and re-purposed. Incentivised return schemes provide income for local communities while ensuring a steady supply of material.

CERTIFIED SUSTAINABLE

Seawastex® meets the Global Recycled Standard (GRS), guaranteeing verified traceability, responsible sourcing, and strict environmental compliance.

WHY IT MATTERS

Every year, around 640,000 tons of fishing gear are abandoned at sea, adding to 12.7 million tons of marine debris. Recycling these nets prevents pollution, cuts carbon emissions by up to 49%, and saves 15% energy compared to virgin nylon production – while also supporting coastal livelihoods.

PERFORMANCE WITHOUT COMPROMISE

Palm is committed to sustainability without sacrificing performance. Independent testing shows Seawastex® matches and often exceeds, the durability, strength, and abrasion resistance of virgin nylon. In other words: recycled, but never second best.

HOW IT WORKS

Collection – discarded nets are returned through schemes in Taiwan, generating value for communities.

Recycling – Formosa Corp use advanced de-polymerization to recover caprolactam, nylon's raw material.

Fibre production – the caprolactam is spun into high-performance Seawastex® fibres.

Fabric weaving – Formosa Taffeta weaves durable, waterproof fabrics.

Garment making – Palm makes these fabrics into jackets, trousers, and drysuits for your next adventure.