



 TM **future**fibres

ECsix



A TRUE INDUSTRY LEADER

Future Fibres is a **Southern Spars** brand, the world's largest carbon spar maker and part of the North Sails group, the world's leading sail maker.

Today we are the **world's leading supplier of composite rigging to the race**, cruise and superyacht markets.

With the integration of **Future Fibres** into the **North Technology Group** brand we offer a larger sales, service and development network.

We produce the **lightest, strongest and most aerodynamic** composite rigging solutions available.



THE COMPOSITE RIGGING SPECIALISTS

Two decades ago **Future Fibres** pioneered lightweight composite tensile cable technology for high performance sailing.

Commitment to **innovation** and development quickly established **Future Fibres** as the market leader and the company has remained at the cutting edge to the present day.

Today the company continues to **lead the market**, as the world's largest composite rigging manufacturer.



- Most technologically advanced rigging system available.
- 25 years of experience.
- The worlds leading and most recognised rigging brand.
- Market leading support and service network.
- Continual investment in technology and people.
- Best value proposition provided.
- Commercial stable company as part of the North Technology Gro

We stand behind our product.



- + Of all **Superyacht retrofits projects** are Future Fibres



- + More than 1200 projects per year **Worldwide**



- + 15 World Superyacht **Awards**



- + 30 Designers
8 PM's
18 Engineers



- + More than 25 years of **experience**



- + **One out of three Superyachts** above 100' is rigged with our products





ECsix, is constructed using small, pultruded, high modulus carbon rods which are terminated either in a conical/friction style fitting or an eye style end.

Introduced to the market in 2004 ECsix swiftly became the go to product when looking for a **high performance composite rigging**.

Since its inception ECsix has sailed over 1,000,000 nautical miles in all conditions and has **not had a single failure** due to impact, age, wear, weather or water ingress.

ECsix cables have now been installed on over 500 yachts ranging from Superyachts, AC 72s/45's, 11' Moths to Volvo 70s/65s and has undergone millions of loading and unloading cycles with **zero degradation**.



CORE

High modulus, low stretch, zero creep carbon is pultruded in our facility to create the highest performing carbon rod available. Rods are then bundled together to create the required stiffness, break strength, maximum working load or diameter.

COVERING

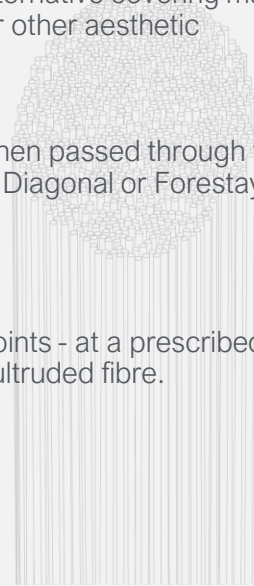
Future Fibres offers a wide variety of cover types and materials. Our standard finish is a high tenacity, low chafe, UV stable coated polyester. Our design team can advise when alternative covering may be required and can be tailored to suit colour or other aesthetic requirements.

CONICAL METALLIC END

Pultruded rods are bundled and cut to length, then passed through the narrow end of a conical metallic fitting, ideal for Diagonal or Forestay solutions.

CONTINUOUSLY WOUND CARBON EYE

The pultruded rod is wound around two fixed points - at a prescribed distance apart, creating a continuous loop of pultruded fibre. Commonly used for backstay elements.



PERFORMANCE

ECsix will save up to 70% of your rigging weight, dramatically increasing your sailing performance.

RELIABILITY

The unique construction of ECsix removes the risk of compressive failures inherent in solid rigging systems. Tests have proven that ECsix can sustain over 25% damage to single stay and still remain operational.

RESILIENCE

Rods are independent of one another, so if some rods are damaged, it does not affect the others in the stay.

RACE TESTED

Volvo 70/65, Super-Maxis, IRC 72, IMOCA 60, TP52 Superseries and Multihull Teams test ECsix everyday.



SIX DEDICATED SERVICE CENTERS

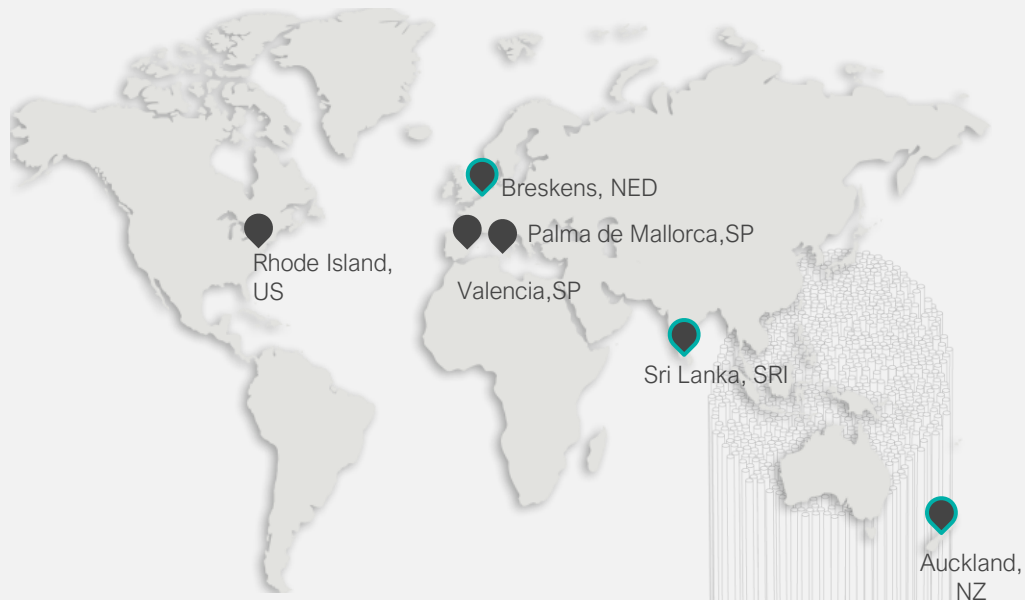
Future Fibres has service centers placed in all corners of the globe. No other manufacturer has this level of worldwide service coverage for your rigging.

WORLDS BEST PRODUCT, WORLDS BEST RIGGERS

We have, over our 25 years combined composite rigging experience, built a world class team using only the best riggers to assist wherever and whenever necessary.

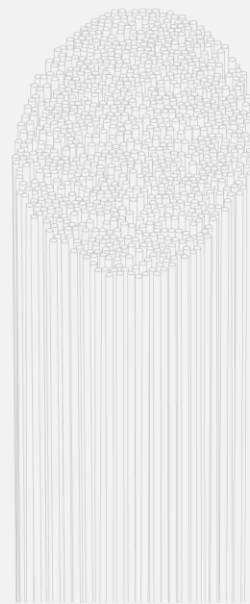
WITH YOU FOR LIFE

Future Fibres will be with you for the life of your boat, with a dedicated, internal service team monitoring your rigging from start to finish. In addition, one of our teams will be at every Superyacht Regatta for service purpose.



NOTABLE S/Y PROJECTS OF OVER 500 YACHTS
RIGGED WITH ECsix:

- + AQUIJO - 85m Ketch
- + AHIMSA - 67m Sloop
- + VERTIGO – 67m Ketch
- + HETAIROS - 67m Ketch
- + ADIX – 65m Schooner
- + TWIZZLE - 58m Ketch
- + KOKOMO III - 55m Sloop
- + ADELE – 55m Ketch
- + MARIE – 55M Ketch
- + ELFJE – 52m Ketch
- + ZAFIRA - 50m Sloop





WHAT THEY SAY

“Last year our boat undertook a rigging conversion from the original Rod rigging package to Future Fibres ECsix. While sailing in the Caribbean a few months later we experienced winds of 40-45 Knots while sailing around the Islands of Guadeloupe and Dominica at speeds of up to 15 knots and I can say that I was extremely pleased with the change in the performance of the Yacht. The mast was well locked in and the boat stable from the expected weight reduction aloft. I would recommend ECsix to any Super Yacht that might be considering a performance upgrade”.

Luca Serra,
Wally Esense Captain





SUPER SAFE BUNDLED RODS

The unique construction of ECsix removes the risk of compressive failures inherent in solid rigging systems.

WEIGHT SAVINGS

Estimated 70% of the rigging weight.

ZERO FAILURES

Millions of loading and unloading cycles with zero degradation.

COMFORT

ECsix will increase the comfort when cruising and at anchorage.

TRUE GLOBAL SERVICE

Worldwide service coverage for your rigging.

RACE PROVEN TECHNOLOGY

All ECsix cables have been tested in the toughest conditions.





CONTACT

lan.andrewes@futurefibres.com