



The only certified
sustainable
sail technology in
the world

1
ONE
GREEN
SAILS

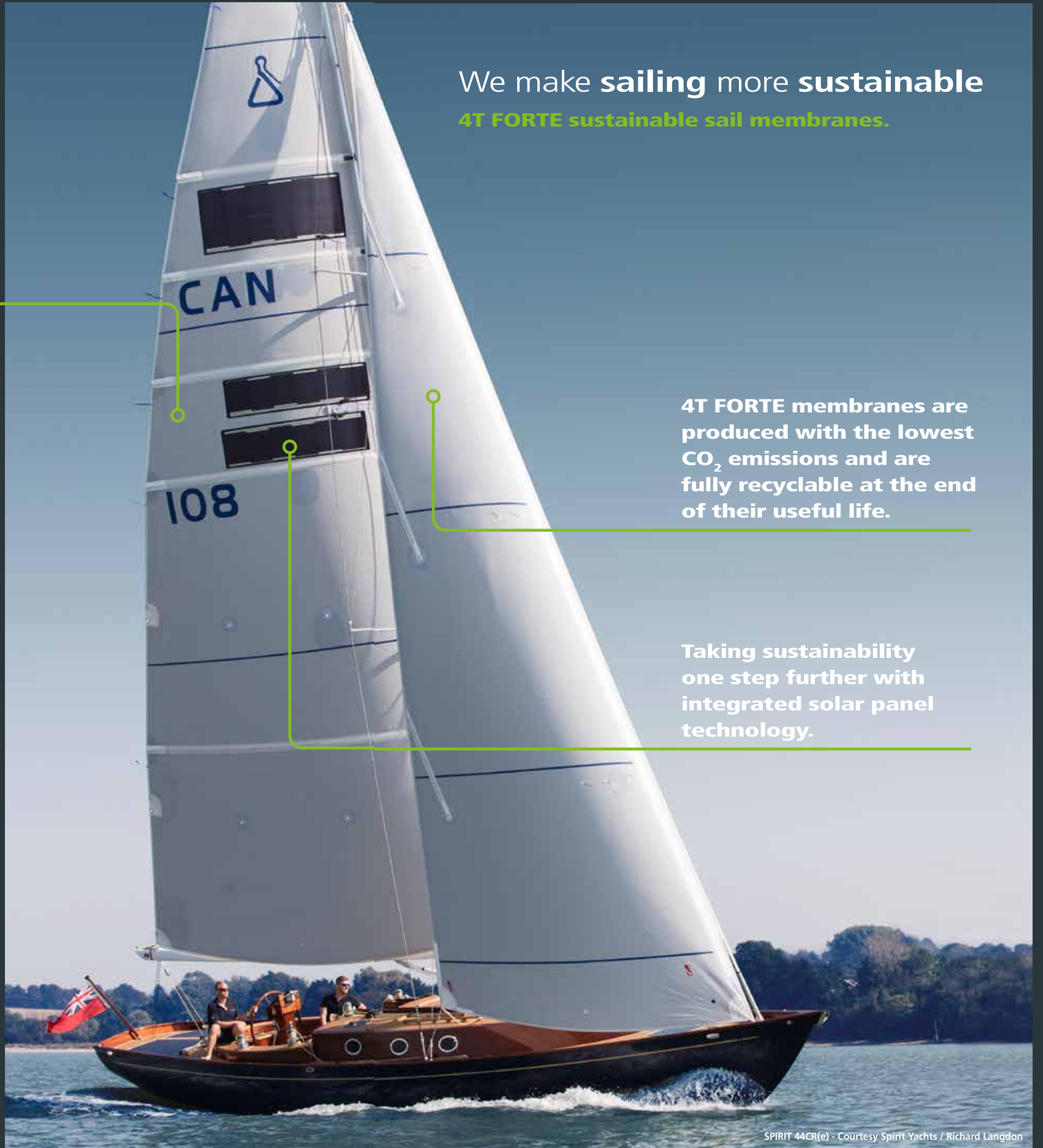
UBI MAIOR
ITALIA

212



THE NEXT
GENERATION
OF SAILS

The next generation of sustainable sail membranes offering the best performance for all kinds of boats from super-yachts to hi-tech foiling racers.



We make **sailing** more **sustainable**
4T FORTE sustainable sail membranes.

4T FORTE membranes are produced with the lowest CO₂ emissions and are fully recyclable at the end of their useful life.

Taking sustainability one step further with integrated solar panel technology.

The **circular economy** of sustainable **membranes**

A green cycle from production to recovery.

MANUFACTURING PLANT

Holds to the highest standards of environmental practices and the responsible sourcing of materials and energy sources.

PRODUCTION

Sails made of 4T FORTE are produced with a low level of CO₂ emissions into the atmosphere and without the use of pollutants such as glues, resins and solvents.

DISPOSAL

At the end of their useful life, these sails are recycled within the normal recovery processes of polyethylene-based raw materials to generate the PE pellet.

RECOVERY

The polyethylene pellet is used for the production of accessories (such as headboards) to be used in the production of new sails.

We strongly **believe in sustainability**
Our commitment is **concrete and certified**

According to ISO 14021:2021 and 14001:2015 by independent auditors (IQNet).



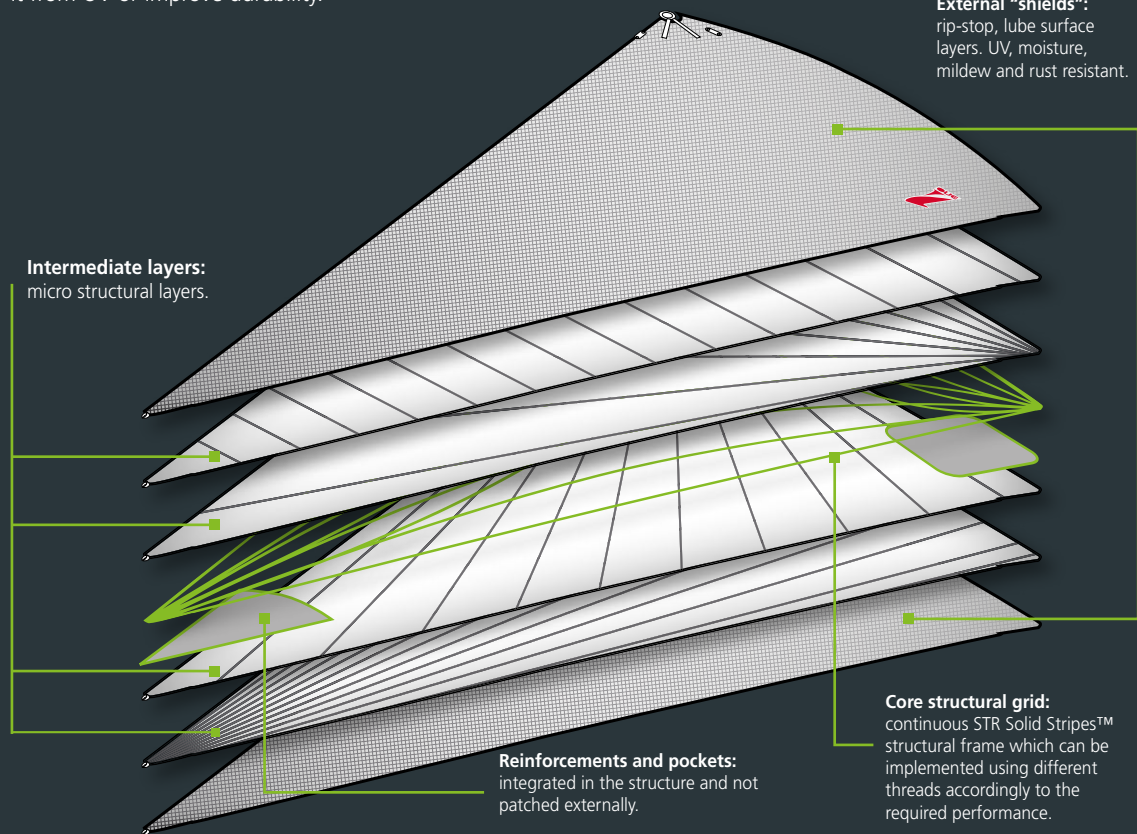
Fast, durable and reliable

4T FORTE™ continuous yarns composite technology.



The 4T FORTE™ composite structure incorporates high modulus fibres such as STR™ Solid Stripes, a new low stretch component of MMS™ technology which eliminates both glue and the mylar film, so often the weak element of a laminate sail.

The elements of the membrane are fused together in a cross linked, polymerised matrix resulting in a stable, stretch resistant, and durable sail. Not only is 4T FORTE™ intrinsically lighter than alternatives, but weight saving is enhanced by the fact that a 4T FORTE™ membrane does not need to be covered with extra woven taffeta fabric to protect it from UV or improve durability.



STR™ Solid Stripes

Replacing carbon and aramid yarns



After many years of carbon and aramid being the ultimate fibre in sailmaking, OneSails has introduced STR Solid Stripes™ with a better strength/weight ratio than carbon and a huge number of other advantages including being more robust, having higher tenacity and a full resistance to the harsh factors of the marine environment such as UV, temperature and moisture.

Photovoltaic modules

Eco features of the sails go a step further with solar panel technology.

In recent years, the OneSails Group has created sails with thin cell PV panels into the mainsail to boost the yacht's battery regeneration capacity.

Due to the high modulus construction of the 4T FORTE™ composite material, the impact of the PV panels on the sail's characteristics and performance is minimal. The OneSails team is one of the most experienced in the world when it comes to solar panel technology into sails, delivering on sailing performance and maximum power generation.



100% clean energy from the sun



Why choose OneSails

The next generation of sails™



1. Service

A core activity for every OneSails loft is providing first class service, support and assistance. As part of our service commitment, each OneSails loft has a team of experts on hand to ensure that we can deliver on our service pledge. In addition to a growing number of principle lofts, the OneSails Group has an extensive network of service centres strategically placed around the most important sailing venues of the world.

2. Exclusive technology

Since 2007 the OneSails design team have developed exclusive technologies to make one-piece continuous thread sails a reality for cruising and racing boats.

3. Performance

Features like weight, shape control and deformation resistance mean better performance compared to traditional panelled sails.

4. Quality & Sustainability

4T FORTE™ membranes are exclusively made in Europe in our unique, purpose-built, facilities ensuring that stringent manufacturing standards are maintained. They are built with the lowest CO₂ emissions in a certified manufacturing plant according to ISO 14040 Life Cycle Assessment by independent auditors and are fully recyclable at the end of their useful life.

5. Design

The best sail shapes are the result of continuous analysis and experience. OneSails is at the forefront of the sailmaking industry, continually investing in research and development to ensure that the very best sail shapes are available. The success of this approach is confirmed by the vast array of racing trophies OneSails clients have won, competing at National, International and World Championship level.

www.onesails.com

OneSails reserves the right to change descriptions, modify, or substitute products without notice in this product guide. One is a registered trademark of OneSails International, other names may be registered trademarks of their respective owners.

OneSails International © 2023. All rights reserved.

