

Why choose One

The next generation of sails™

1. 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.

2. Performance

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

3. Quality

M3™ and 4T FORTE™ membranes are exclusively made in Europe in our unique purpose built facilities ensuring that stringent manufacturing standards are maintained.

4. 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.

5. 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 Europe's coast line.



OneSails sail repair & service

Regular maintenance of your sails can double their life.



Regular maintenance of your sails by skilled sailmakers can double their working life, saving you money, and ensuring reliable sails when you need them most. Our range of services includes:

■ VALETING

Sails operate in a hostile environment where salt and airborne pollutants can cause serious damage to even the best kept sails. Similarly, constant wear and tear requires careful repair and maintenance. An end of season overhaul is essential for the longevity of your sail wardrobe. Our service includes:

- Careful rinsing to remove salt
- Drying in preparation for storage
- Careful inspection and overhaul
- Alterations to improve shape (if requested)

■ DAMAGE REPAIRS

It is important that any damage no matter how small is repaired as quickly as possible in order to prevent further damage occurring. Many repairs can be turned around in less than 24 hours.

■ RECUTS AND RETROFITS

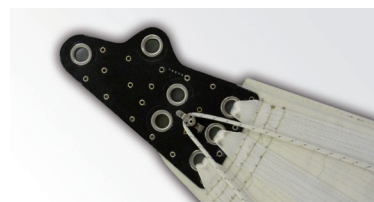
A simple recut can improve shape and give a new lease of life to a 'tired' sail. Retrofit extras include UV protection, luff flattener inserts to increase the effectiveness of furling genoas, changing from hanks to luff foil groove, fully battened mainsails, etc.

■ SAIL STORAGE

OneSails is happy to store your sails for you, dried, rolled or folded in a controlled environment until you are ready to have them returned. This service is free of charge by prior arrangement.

Details and accessories

All OneSails cruising sails are built with durability, efficiency and ease of use in mind with these important criteria being as valued to the day sailor as those undertaking more ambitious blue water passages.



MAINSAIL

Attention to detail, the best quality components and a real desire to build the best possible sail means that all OneSails cruising sails are intrinsically rewarding to use to the highest degree.



GENNAKER ACCESSORIES

Downwind sail handling can be facilitated by the use of the OneSails Snuffer. An internal tube means that the lines remain tangle free and the material of the sock itself ensures minimal water absorption and ease of stowage when not in use.



FURLING SYSTEMS

Furling systems for downwind sails are also now increasingly commonplace with a range of dedicated systems available that allow FFR's and even Gennakers to be furled from the relative comfort of the boats cockpit.

Rev. 01.2018

THE NEXT GENERATION OF SAILS™



www.onesails.com

OneSails expressly for
Cruising



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Cruising and Performance Cruising

Performance over time!

OneSails produces sails and accessories designed and developed especially to suit the needs of discerning owners who are looking for modern and functional technical solutions that improve sailing performance and enjoyment.

The OneSails range of products is designed specifically with cruising in mind for boat owners who strive for the ultimate combination of performance, durability and aesthetics from their sails. R&D are two driving principles of the OneSails philosophy, a spirit which does not stop at the design of innovative products such as Vektor2™ and 4T FORTE™ but permeates all the phases of sail design, ongoing development and its application.

OneSails has a range of products to suit every end use and budget including woven cross-cut and tri-radial panelled sails and a range of custom membrane style products that includes Vantage1™, Vektor2™, M3™ and 4T FORTE™. These exclusive products featuring continuous fibre paths allow us to build mainsails and genoas that are relatively light when compared to other similar products, yet which remain durable and easy to trim with performance well beyond that which can be achieved with more traditional panelled alternatives.

All sails, regardless of the construction type are customized to suit each boat and each owner's requirements and incorporate the highest quality components in order to guarantee the maximum level of performance over time.

Cross-Cut Dacron

OneSails woven cross-cut sails are built using only the very best quality premium Dacrons. All Dacrons are not created equal; OneSails are particularly stringent when it comes to cloth selection in order to ensure that each piece of cloth is perfectly suited to its intended end use. Tightly woven high tenacity yarns with built in UV inhibitors combine to offer the most durable sails on small to medium sized boats at the most affordable price.



Triradial

Tri-radial construction creates a more sophisticated means of distributing the loads in a sail than can be achieved with a cross-cut sail. Higher tech fabrics including Dyneema reinforced fabrics such as Hydranet and a range of dedicated cruise laminates will offer better shape holding and hence improved performance and handling than cross-cut alternatives.



Downwind sails

By OneSails.

The sail that is undergoing the most significant development today is the spinnaker, either symmetric or asymmetric (gennakers). Spinnakers were originally created as big deep bag-shaped sails to primarily drive the boat downwind.

Now, with the help of better fabrics and improved sailmaking technology, spinnakers are not only more efficient downwind but can also be so closewinded that they encroach on conventional headsails at around 45° apparent wind. Through experience with comparing nearly identical boats, offwind speed and efficiency has been optimised by refining spinnaker shapes as much as by spinnaker size.

This is especially so on any point of sailing high of a dead run. OneSails make a broad range of hi-performance downwind sails for cruising and racing alike. The design of every spinnaker is

customized for the boat and its intended end use in order to give truly superior performance.

The programme used to determine shape also takes into account displacement to ensure that the shape and characteristics of the sail perfectly matches the boat.

At OneSails, our design team are happy to talk to you about customizing spinnakers to suit your boat. Their in-depth experience ranging from America's Cup to small one-design sail boats ensures that they have the knowledge to provide you with the right advice. Whether you are looking for a better downwind sail, improved manageability with the breeze on the beam, or better performance at tighter angles in lighter airs OneSails has the perfect sail for you.

Membrane

OneSails offer distinct laminate membrane style sails, plus a novel filmless composite construction, each dedicated to cruising applications.

VEKTOR2 is the culmination of more than 20 years of development in the construction of sails incorporating continuous yarns. The continuous fibre grid is comprised of reinforced fibre tapes applied under high pressure to the film that constitutes the sail. Unlike similar products in the market, the unique tapes used in Vektor2™ maximize the structural capability of the fibres without restricting the fibre layout which in turn means excellent shape holding in all areas of the sail. Vektor2™ is available with several different fibre styles and allows



is perhaps the best continuous yarn technology available for high performance sails. Using continuous high modulus fibres, the 'resin free' lamination process creates sails which are highly stretch resistant, yet are soft, flexible and which represent a major advance from other 'mould production' sail technologies. The use of heat and pressure in a controlled environment causes the special pol-



differs from the other membrane styles in that it is a composite construction rather than a laminate. 4T FORTE™ sails incorporate the latest high modulus fibres but without mylar films and adhesives that characterise laminate constructions. Using a multi micro layered struc-

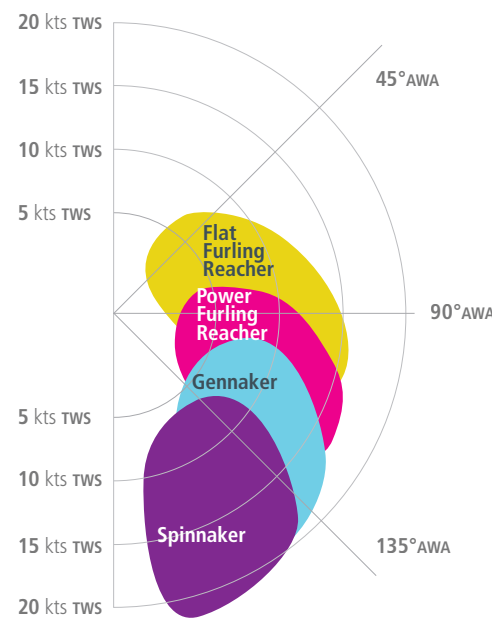
ture, the elements of the membrane are fused together resulting in a stable, stretch resistant and durable sail. By eliminating mylar films and adhesives, these sails are significantly lighter than the laminate alternatives, particularly in cruising applications as 4T FORTE™ membranes do not need to be covered in heavy woven taffeta's to improve durability.

access to continuous yarn technology (a one piece sail) at competitive prices when compared to traditional panelled sails means excellent shape holding in all areas of the sail. Vektor2™ is available with several different fibre types for the structural grid, the very latest innovation introduced exclusively by OneSails being the use of Dyneema™. This guarantees characteristics distinctly superior to Aramid fibres both in terms of durability and performance and allows access to continuous yarn technology (a one piece sail) at competitive prices when compared to traditional panelled sails.

ymers that are incorporated into the films to fuse together in an irreversible process without using adhesives. The addition of a single or double sided taffeta toughens the membranes, improving their durability and making them suitable for performance cruising applications. M3™ sails are delivered with a three year warranty against delamination as standard.



OneSails 4T FORTE™ is the first ever "green" sailcloth, certified ISO 14040 - Life Cycle Assessment.



Flat furling reacher

"Allround" sail for cruising

The OneSails FFR is a cruising variant of the racing Code Zero that is designed to maximise the yachts potential in light airs whilst providing more control than conventional spinnakers or gennakers at wider angles as the breeze builds. The FFR can be used between true wind angles of 50° to 150° depending on the wind strength and can be used on any boat with a spinnaker halyard and a suitable tack point, preferably forward of the forestay.

Power Furling reacher

It's a variant of FFR from which it differs for a deeper shape and a full width at half that goes over 75% of the base. It can be measured as a gennaker. Can be used in deeper downwind routes than FFR.

