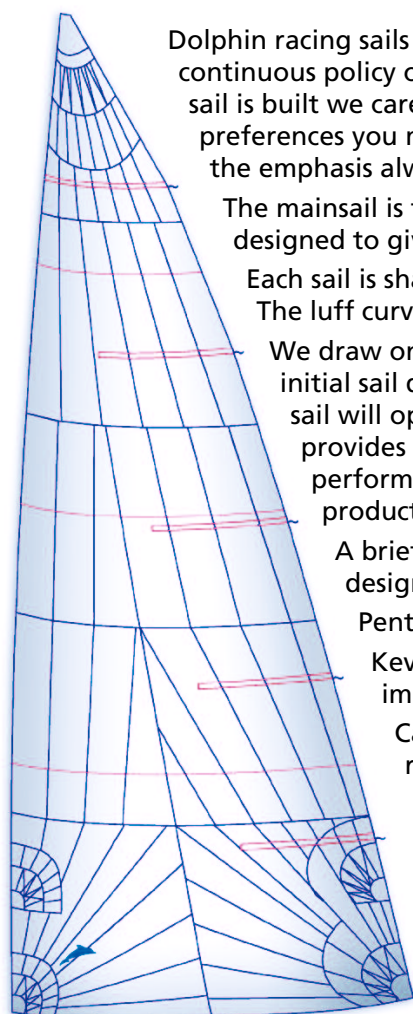




RACING SAILS - MAINSAIL



Dolphin racing sails have been developed and fine tuned over a number of years. Our continuous policy of improvement keeps our sails at the top of the results. Before the sail is built we carefully measure the boat, rig set-up and listen to any personal preferences you may have. Our sails are designed to be easy to trim and sail with, the emphasis always being on speed.

The mainsail is the only sail that is used in all wind speeds. Dolphin mainsails are designed to give adjustability and speed across the range.

Each sail is shaped to suit the boat characteristics, rig set-up and sea conditions. The luff curve is carefully cut to suit the mast bend for each individual boat.

We draw on the experience gained working over a wide range of boats. The initial sail design is analysed in wind tunnel simulation software to ensure the sail will operate across the wind range it is intended. On the water testing provides a check that the theoretical sail matches the desired shape and performance requirements. We will often come to check the finished product in action and offer tips to help you improve your boatspeed.

A brief synopsis of fabric range available is shown below. Consult our designers for a comprehensive guide to the product for you.

Pentex is a fibre similar to Mylar but with around 40% less stretch.

Kevlar is an even lower stretch fibre showing a 300-400% improvement over Pentex.

Carbon has similar initial stretch to Kevlar but due to its total resistance to uv damage exhibits greater longevity.

Cuben fibre is a fabric consisting of fine filament fibres. Laminated in an autoclave under high pressure it is probably the lightest sail fabric available today.

We punch above our weight. We probably achieve more success per sails on the water than other sailmakers. See our website or results sheet for a list of successes in a wide ranging number of boats.

MAINS STANDARD FEATURES

- Highly refined designs utilising tri-radial construction.
- Superior pre-glued three step seam construction.
- Pre-glued step down patch construction.
- Epoxy battens with Velcro closure pockets, or batten screw adjusters.
- Loose footed main for shape control where applicable.
- Low stretch Dyneema leachline led over headboard down luff.

- Flow stripes for shape judgement and adjustment.
- Stainless rings.
- Sail numbers, insignia and spreader patches on mains where appropriate.
- Cunningham for draft positioning and tell tales.
- Sailbag.

EXTRA FEATURES

- Reefs.
- Sail measurement.

Dolphin Sails

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*Sails designed, cut
and built in house.*