

# MAINSAILS NEED TO WORK IN EVERY WIND SPEED FROM 0 TO 30 & MORE. THAT'S WHY YOU NEED UK-HALSEY IN YOUR CORNER.



Your mainsail is the most tireless worker on your boat. Every day you leave the harbor, it's flying. Whether motoring through a glass calm or reefed down in 30 knots, the same mainsail gets the call to action. To meet these demands, UK-Halsey Sailmakers has developed many different mainsail options for cruising sailors. We offer materials from woven Dacron® to the most advanced laminates, as well as a wide choice of batten configurations.

Woven Dacron® from DuPont is the most durable material for sailmaking – and we have years of experience with it. Fill-oriented, cross-cut Dacron sails are reasonably priced and can stand up

ABOVE: An Arcona 400 with a Tape-Drive main with 2 reefs.  
LEFT: A close-up of a Shipman 50's Spectra Tape-Drive main with carbon fiber tapes.



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years of heavy use in high winds and harsh sunlight.

But there are two lives to every sail – Physical Life and Performance Life. Physical Life is the sail's ability to stay in one piece. Performance Life is the sail's ability to maintain its aerodynamic shape.

As sails age, they gradually lose their shape, or "blow out", making your boat heel over, slowing you down and making sailing less comfortable.

For Physical Life alone, Dacron can't be beat. But when Physical and Performance Life are both considered, modern laminates emerge as a strong alternative.

Today's high-tech laminated sails offer better sail shape, greater performance. The laminates of choice are made using, Spectra® or Kevlar® because of their strength, light weight and durability.

UK-Halsey uses laminates in conjunction with our own Tape-Drive® construction system. Tape-Drive is a unique, two-part pro-

cess that marries a grid of high-strength, low-stretch tapes (the structural strength) to a three-dimensional shaped membrane, or skin. A lighter sail that holds its shape, is the result.

Whether you choose Dacron or Tape-Drive mainsails, UK-Halsey offers several batten configurations: standard, Powerhead (top batten full length), Batmain (all battens full length) and roller furling mains. Roller furling mains come in three configurations: Vertical battens that roll into the mast, horizontal battens that roll into the boom or no battens at all.

Extend the Performance Life of any cruising mainsail with the Batmain. The full-length battens prevent flogging – the violent snapping back and forth when you're tacking, reefing, hoisting or lowering your sail. Flogging breaks down sail cloth, and is a prime culprit in sail wear and tear.

For more performance-oriented sailors, the Powerhead Main is a better option. With only the top batten full length, the Powerhead saves weight aloft and gives you more control over the shape of the sail.

For those who already have a roller furling mast, upgrading from a hollow-roached, batten-less main to a UK-Halsey VB MaxRoach main will greatly improve the performance of the boat. The vertical battens allow us to build a roller mainsail with a standard amount of roach, giving the main a much better aerodynamic profile. The photo to the left shows this VB Max main on a Hinckley Bermuda 40.

Tell us what your needs are so that UK-Halsey can make the cruising main that's right for you.

## Standard Features

- IRC length battens
- Double Velcro flap batten pocket closures at leech
- Webbing reinforcement inside the inboard end of the batten pockets
- Cunningham
- Telltales sewn into each batten pocket
- Webbed O-rings at Tack and Clew
- Two-layer reef diamond patches
- Fiberglass battens that don't splinter
- Anodized Aluminum headboard
- Drawstring sail bag and ties

## Options

**ROACH SIZE** We'll build a sail to your needs. Some want more roach for more speed – upwind and downwind. Some prefer a smaller roach so the sail doesn't hit the backstay when tacking and jibing.

**TAPERED BATTENS.** Softer in front to conform to the sail's shape, stiffer in back to promote a straight leech exit. The softer front ends also reduces hard spots in the sail at the batten ends.

**REEFS.** Every sail should have at least one reef. Depending on your reef tack hardware, we'll install Floppy Rings, Pressed Rings or Webbed O-Rings.

**LUFF HARDWARE.** Improperly designed slides make raising & lowering your sail difficult. We match the proper luff hardware to your mast to ensure your sail goes up and down smoothly.

**LOOSE FOOT/ SHELF FOOT.** Both allow the sail to carry its aerodynamic shape all the way down the sail. The Loose Foot makes it easier to change or remove mainsails.



ABOVE: UK-Halsey's VB MaxRoach roller/furling mainsail. TOP RIGHT: The classic 80' yawl MARIELLA with a cross cut Dacron main and standard length battens for her main and mizzen. RIGHT: Reef tack detail on a dacron main.

