



CROSS-CUT WOVEN POLYESTER CRUISING SAILS

TO THE NEXT CHALLENGE.

GUIDE TO CROSS-CUT WOVEN POLYESTER CRUISING SAILS

WHAT DOES PERFORMANCE MEAN FOR THE CRUISING SAILOR?

Sail performance is just as important to cruisers as it is to racers; it's simply defined differently. High-quality cruising sails must be rugged, reliable, and easy to maintain. Since changing sails is not usually an option, they must be versatile in a range of conditions. They must also be easy to handle and put you in control, helping to contain heel and weather helm. Above all, they should help you sail your boat with ease so you are free to enjoy the sheer pleasure of the sport.

To deliver top-level cruising sail performance, Quantum designs and builds the very best sails possible with every detail of the process executed to the highest standards.

ACHIEVING MAXIMUM CONTROL

Sail shape, along with minimizing stretch, are the key variables in delivering optimum upwind performance, reducing heel and weather helm. These factors also extend a sail's range before reefing or furling becomes necessary and have a big impact on the functionality of sail handling systems.

Sail shapes are custom-designed for your boat by Quantum's experienced sail designers based on expected usage and boat-specific constraints such as mast bend, displacement and righting moment.



THE RIGHT MATERIALS

All woven materials are not created equal; there are variations in yarn type, thickness, weave and finish. Without proper materials, the promise of great design cannot be realized. The woven polyester used in Quantum's cross-cut cruising sails is the best available, featuring a tight weave, high tenacity yarns, and the finest finishing techniques for maximum stretch resistance. We test and use only top-grade sailcloth selected from leading suppliers to ensure durability, excellent shape-holding ability and longevity.

QUALITY CONSTRUCTION MAKES THE DIFFERENCE

When it comes to sail quality, small details make a big difference. Excellence and attention to detail are hallmarks of every Quantum® sail, ensuring durability and performance.



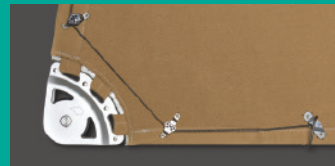
MAINSAIL HEADBOARD

Quantum's cruising mainsails feature an aluminum headboard fitted with webbing and reinforced stainless steel rings (not rivets) for strength, smoothness, weight savings and durability. The hand-sewn luff hardware, with double luff tapes and extensive "quilting" throughout the head section provide strong, reliable attachment in one of the most highly-loaded areas of the sail.



MAINSAIL REEF

Our mainsails feature oversized, multi-layer reef patches with quilted stitching for maximum strength and a smooth, flat, sail shape when reefed. The stainless steel rings, reinforced with webbing, provide reliable service for the long haul. Separate aluminum leech cord cleat with hand stitching.



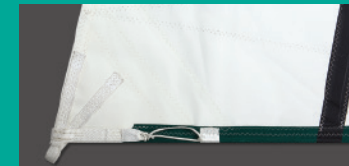
FURLING MAINSAIL CLEW BLOCK

The oversized clew block provides maximum strength and minimum outhaul friction for in-mast furling. The leech cord lead around the clew and along the foot optimizes access for easy adjustment (can be installed to go all the way to the tack). The UV cover protects the furled sail from harmful sunrays; even the clew block webbings are completely covered to insure long-term reliability and guard against sun damage.



FURLING HEADSAIL CLEW

High-strength, non-corrosive stainless rings with Spectra® chafe guard are anchored with webbings. This furling headsail features webbings and a protective pouch for the leech cord wrapped in Sunbrella® fabric to prevent UV damage—a feature which provides ultimate durability.



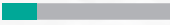




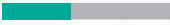
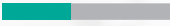

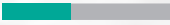
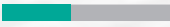
FURLING HEADSAIL TACK

Extended patching on the tack adds strength for partial furling. Roll-to-reference marks ensure repeatable settings. Tack webbings replace standard rings to allow for easier furling. A foot cord prevents flutter.

CRUISING CW 2000 SERIES

Cross-cut sail made with only the highest quality woven polyester sailcloth for the best shape retention.



BOAT SIZE	50' and under
CONSTRUCTION	Cross-cut
MATERIAL/FIBER	Woven polyester
SAIL COLOR	White
STRENGTH/WEIGHT RATIO	 1
EASE OF TRIM	 3
CONTROL OF HEEL	 2
UPWIND PERFORMANCE	 3
UV RESISTANCE	 2
REEFING	 2
FURLING	 2
DURABILITY	 5
OPTIMAL SHAPE RETENTION	 2
COST	 2



THE QUANTUM® EXPERIENCE

MAKING YOUR CHALLENGES OUR OWN

It's one thing to make exceptional sails, but we go even further by making your challenges our own. With superior and personalized customer service, we're with you every step of the way as loyal advisors, friends and fellow sailors. It's about providing unparalleled customer service and serving as a trusted resource and partner for all your sail needs. Quantum's customer care services include:

1 EXPERT CONSULTATION

to guide you through choices of materials, construction options, hardware, sizing, sail handling systems, etc. Every sail is customized to your needs.

2 DETAILED, ON-BOARD MEASUREMENT

to ensure a perfect, custom fit for your sails.

3 COLLABORATION

throughout the process to ensure your needs are being met and you know what you are getting and why.

4 NEW SAIL INSTALLATION AND INSTRUCTION

to fit, fine-tune, and instruct you in the use and care of your sails.

5 EXCELLENT PRODUCT WARRANTY

backed by sailing and service experts at more than 50 locations around the globe.

PROFESSIONAL SAIL CARE SERVICES

Quantum's service technicians provide a broad array of sail care services – from a simple repair to sail re-cuts. The first step for any project is an understanding of your needs and a sail evaluation so we can provide you with an accurate, up-front estimate of time and cost. Here are some of the services you can find at Quantum sail lofts around the world.

- Multipoint Inspections
- Sail Repairs
- Annual Sail & Canvas Maintenance
- Sail Removal & Installation
- Sail Pick-up & Drop-off
- Sail and Canvas Washing
- Sail Mildew Removal, Mitigation and Prevention
- Same Day/Overnight Repair Services
- Sail Re-Cuts
- Sail Conversions
- Sail/Hardware Upgrades
- Canvas Repair & Fabrication