

CHALLENGE SAILCLOTH

MARBLEHEAD

A high quality cruising sail

Marblehead is a great choice for you if



You demand high sail performance



You want the unmatched durability of woven sailcloth



You expect high quality and great value



You want the best crosscut sail available

Marblehead Sailcloth is designed for the quality conscious sailor who demands the highest combination of performance and durability. Marblehead is produced with Interlock technology, which packs more fiber per inch in the sail, resulting in better sail shape for longer. Marblehead uses Fiber104 which is a Super Tenacity polyester, custom produced for Challenge Sailcloth. Fiber104 has high modulus and high UV resistance properties. Sailors who use Marblehead can enjoy years of quality sail shape for costal, offshore or global cruising.

COMPOSITION + RECOMMENDED USE

FIBER	100% Fiber104
CONSTRUCTIONS	Tight Interlock Weaves for high fiber density
FINISH	Medium Firm for ease of handling and performance cruising
SAIL TYPE	High Quality Upwind Mainsails – Full Batten Mainsails – Mast and Boom Furling Mainsails – Furling Head Sails – Non-Furling HeadSails.
APPLICATION CHART	Discuss the best weight and product for your particular rig with your sailmaker.

RIG CONSTRUCTIONS AND APPLICATIONS

MARBLEHEAD LOW ASPECT

PRODUCT	YARN DENIER	FINISH
D4.77	150 x 220	Medium Firm - Firm
D5.77	220 x 220	Medium Firm - Firm
D6.77	220 x 350	Medium Firm - Firm
D7.77	300 x 440	Medium Firm - Firm
D8.77	350 x 570	Medium Firm - Firm
D9.77	350 x 700	Medium Firm - Firm
D10.77	440 x 840	Medium Firm - Firm
D11.77	500 x 1000	Medium Firm - Firm
D14.77	750 x 1500	Medium Firm - Firm

MARBLEHEAD HIGH ASPECT

PART #	YARN DENIER	FINISH
D4.6	150 x 220	Medium Firm - Firm
D5.6	150 x 350	Medium Firm - Firm
D6.42	150 x 420	Medium Firm - Firm
D6.62	150 x 440	Medium Firm - Firm
D7.62	220 x 570	Medium Firm - Firm
D8.62	220 x 700	Medium Firm - Firm
D9.62	220 x 880	Medium Firm - Firm
D10.62	350 x 1000	Medium Firm - Firm
D11.62	350 x 1300	Medium Firm - Firm

DESIGNED IN AMERICA

Challenge Sailcloth is a family business headquartered in Connecticut and California. Sailing is our passion and we know how the products must perform.

100 YEARS OF INNOVATION

Challenge is owned by Bob Bainbridge, the former owner of Bainbridge Sailcloth. Our team brings 100 years of history and knowledge to sailcloth design.

QUALITY MANUFACTURING

Challenge designs and controls the manufacturing process from start to finish to deliver trustworthy products to sailors. We select the fiber, weaving, finishing, coating and laminating all in proprietary processes. We partner with world renowned companies to deliver quality solutions.

HIGH QUALITY MATERIALS

The fibers in Challenge Sailcloth are engineered using premium fibers, resins, coatings and frontier technologies.

PERFORMANCE & LONGEVITY

Challenge designs sailcloth for every type of sailboat, from a race dingy to a superyacht. We have materials for racers and cruisers alike.

GLOBAL REACH

Challenge works closely with the leading sailmakers and sail designers around the world to create products and meet the ever changing demand of today's sailors. We aim to reach sailors in every country, harbor and sea.