

# CHALLENGE AIRCLOTH

## NEWPORT PRO RADIAL

The Best Performance/ Sail Life in Radial Sails

Newport Pro Radial is a great choice for you if



You want the performance benefit of a radial sail.



Also want the longest sail life that a woven sailcloth can provide.



You want the performance of Fiber104 with High Mass Fiber Technology in radial sails.



You want the highest combination of performance cruising and long distance in radial sails.

Newport Pro Radial was designed to give sailors the maximum balance of radial performance and long sail life. NPR is designed using High Mass Fiber technology, and uses large denier warp fibers for strong radial performance. This fabric is great for you if you are a cruiser who wants to get where you are going fast for a long time.

# COMPOSITION + RECOMMENDED USE

FIBER	100% Fiber104.
CONSTRUCTIONS	Strong radial constructions, High Mass Fiber Technology, balanced for off angle loads and furling.
FINISH	Firm / Medium Firm Finish for higher performance in cruising.
SAIL TYPE	Radial mainsails and headsails.
APPLICATION CHART	Discuss the best weight and product for your particular rig with your sailmaker.

## RIG AND CONSTRUCTIONS

PART #	YARN DENIER	FINISH
D6.1	250 x 350	Firm-Medium Firm
D7.1	350 x 440	Firm-Medium Firm
D8.1	440 x 520	Firm-Medium Firm
D9.1	500 x 570	Firm-Medium Firm
D10.1	600 x 840	Firm-Medium 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.