

Newport Pro Radial is the most recent addition to the Challenge Radial product line. As the inventor and leader of Radial woven sailcloth, Challenge has continued to innovate to serve the needs of sailors. Newport PR combines the technology of Warp-Drive and Fastnet to deliver a very durable radial sail which still has high performance. Newport PR uses the same Fiber 104 which is in Marblehead, and is finished with powerful shrinkage technology.

Sailors who are looking for a performance upgrade from a crosscut sail, but still want the durability of a high quality woven will excel with Newport PR. The combination of technology in this line provides a strong alternative to a very expensive Warp-Drive Sail or a Cruising Laminate Sail.

Specifications Yarn Denier 150 x 250 Weight 5.5 SM oz / 236 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 30 STANDARD FORCE (LBF) 10-15 15-20 20-25 25-30 30-35 MAIN JIB AP-2 AP-3 LGT-1 **APPLICATIONS**











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Specifications Yarn Denier 250 x 350 Weight 6.2 SM oz / 266 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 10 STANDARD FORCE (LBF) 20-25 25-30 BOAT SIZE (FT) 30-35 35-40 40-45 45-50 MAIN AP-3 MD-1 MD-2 **APPLICATIONS**











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Specifications Yarn Denier 350 x 440 Weight 7.2 SM oz / 307 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 10 30 STANDARD FORCE (LBF) 25-30 30-35 BOAT SIZE (FT) 35-40 40-45 45-50 50-55 MAIN LGT-1 MED-1 MED-2 MED-3 HVY-1 **APPLICATIONS**











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Specifications Yarn Denier 440 x 520 Weight 8.4 SM oz / 360 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 10 STANDARD FORCE (LBF) 30-35 35-40 BOAT SIZE (FT) 40-45 45-50 50-55 55-60 MAIN MD-2 MD-3 HV-2 **APPLICATIONS**











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Specifications Yarn Denier 500 x 750 Weight 8.9 SM oz / 381 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 10 30 STANDARD FORCE (LBF) 35-40 40-45 BOAT SIZE (FT) 45-50 50-55 55-60 60-70 MAIN MD-2 MD-3 HV-2 **APPLICATIONS**











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Specifications Yarn Denier 600 x 840 Weight 10.0 SM oz / 393 gsm Application Cruising Radial Sail 0.2 STRAIN (IN) 0.1 0.0 10 STANDARD FORCE (LBF) 40-45 45-50 50-55 55-60 45-50 60-70 MED-1 MED-2 MED-3 HVY-1 HVY-2 HVY-3 **APPLICATIONS**







