



# 4.93 Newport LA

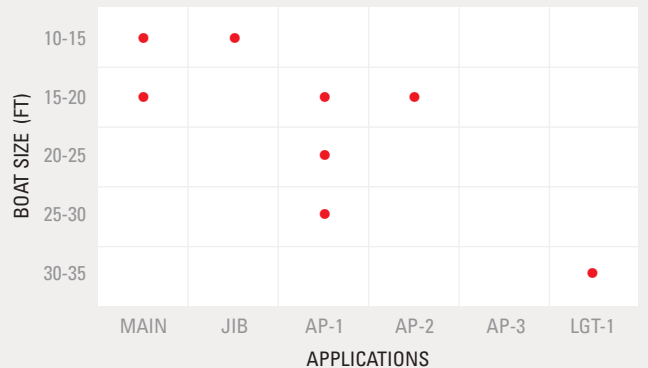
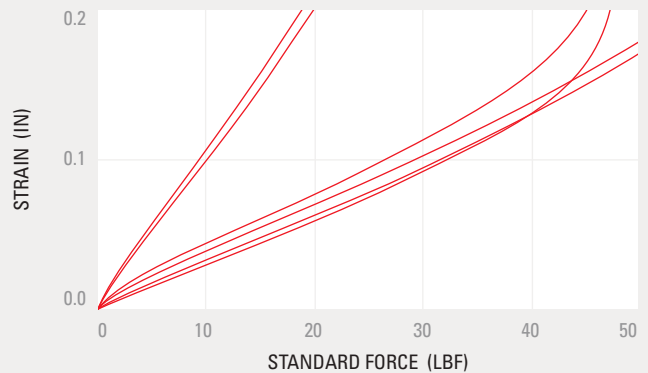
High quality sailcloth for great sail shape and life.

The Challenge Sailcloth Newport product line is a high quality fabric which makes fantastic sails. Newport is designed with Fiber 104 in all directions of the sailcloth, leading to great performance and durability. The Low Aspect Newport line has more balanced constructions allowing the proportional sizes of the yarns to grab onto each other generating a greater resistance to the bias load direction common in Low Aspect sails. The Low Aspect Newport styles have a high number of Interlockings. The result is excellent bias stretch resistance, sail stability and durability.

Fiber 104 is the highest shrinkage polyester yarn used in sailcloth. The Challenge R&D engineering team conducted a collaborative search with leading fiber manufacturers and textile engineers. The purpose of the search was to find the highest shrinkage, highest tenacity yarn. That search resulted in Fiber 104. High shrinkage makes the most densely woven fabrics, with the greatest quantity of fiber Interlockings. It is more expensive than other fibers used in Europe and invented by Challenge Sailcloth.

### Specifications

Yarn Denier \_\_\_\_\_ 150 x 250  
 Weight \_\_\_\_\_ 4.7 SM oz / 200 gsm  
 Aspect Ratio \_\_\_\_\_ Low Aspect





# 5.53 Newport LA

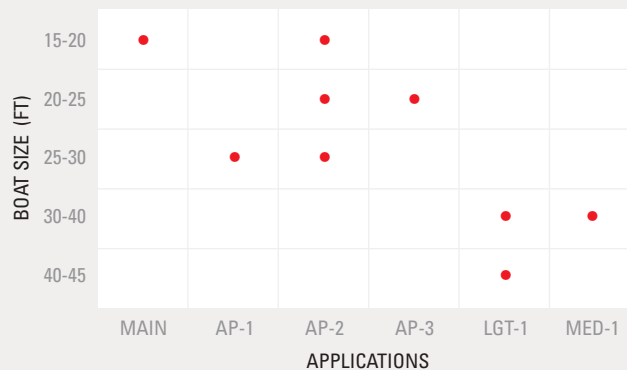
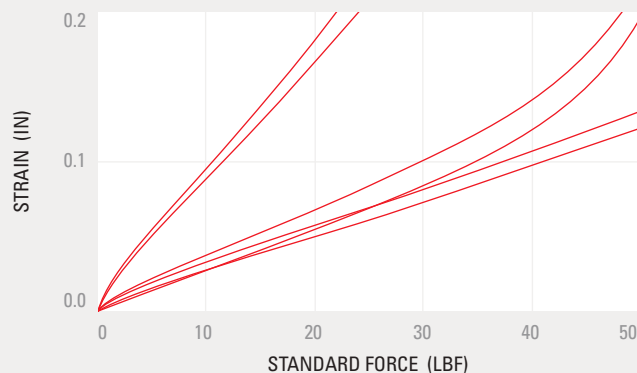
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Fiber 104 is the highest shrinkage polyester yarn used in sailcloth. The Challenge R&D engineering team conducted a collaborative search with leading fiber manufacturers and textile engineers. The purpose of the search was to find the highest shrinkage, highest tenacity yarn. That search resulted in Fiber 104. High shrinkage makes the most densely woven fabrics, with the greatest quantity of fiber Interlockings. It is more expensive than other fibers used in Europe and invented by Challenge Sailcloth.

## Specifications

Yarn Denier	250 x 300
Weight	6.0 SM oz / 257 gsm
Aspect Ratio	Low Aspect





# 6.53 Newport LA

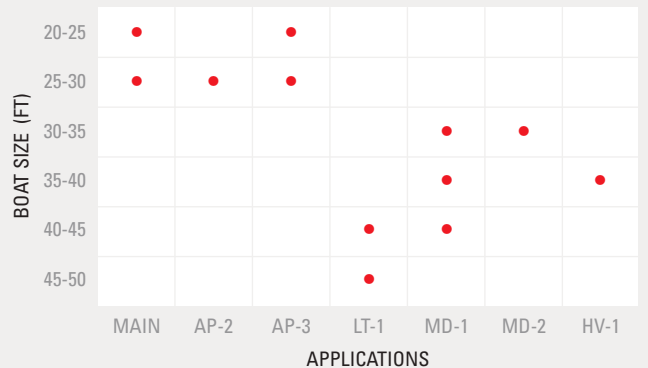
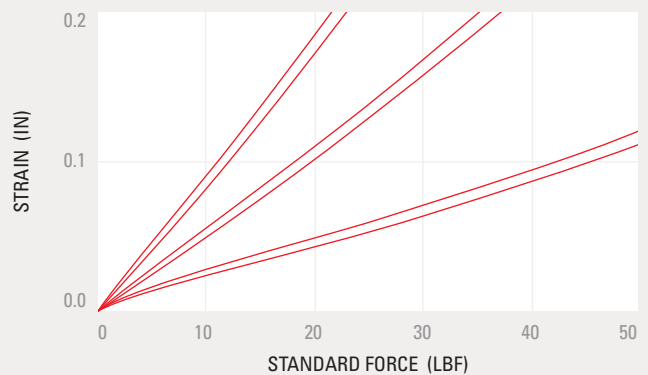
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### Specifications

Yarn Denier	250 x 350
Weight	6.7 SM oz / 287 gsm
Aspect Ratio	Low Aspect





# 7.03 Newport LA

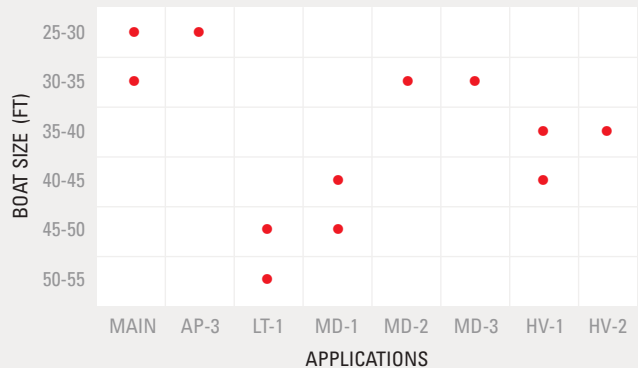
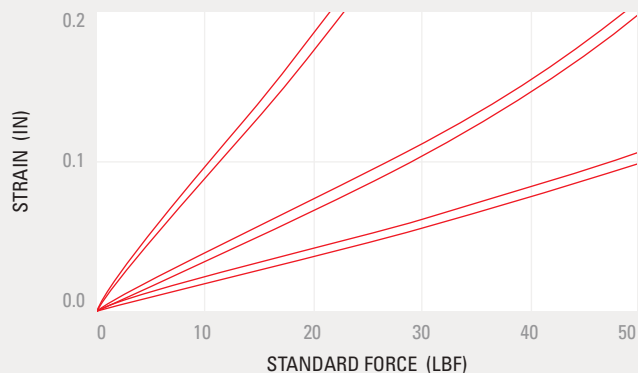
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## Specifications

Yarn Denier	250 x 420
Weight	7.1 SM oz / 304 gsm
Aspect Ratio	Low Aspect





# 8.03 Newport LA

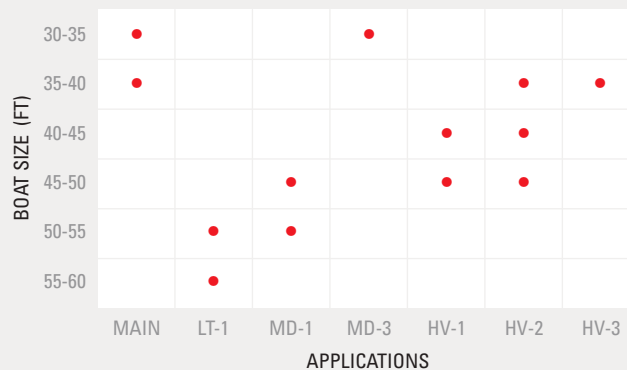
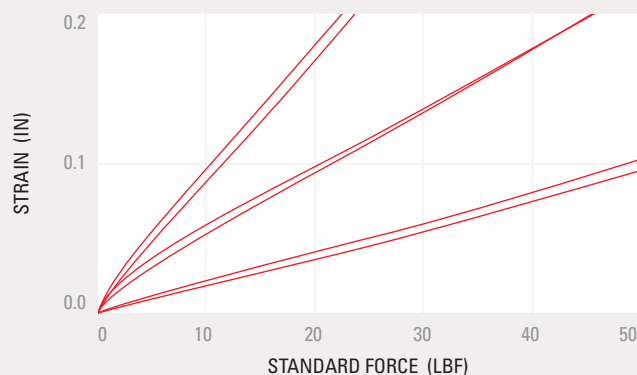
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## Specifications

Yarn Denier	300 x 500
Weight	8.2 SM oz / 352 gsm
Aspect Ratio	Low Aspect





# 9.03 Newport LA

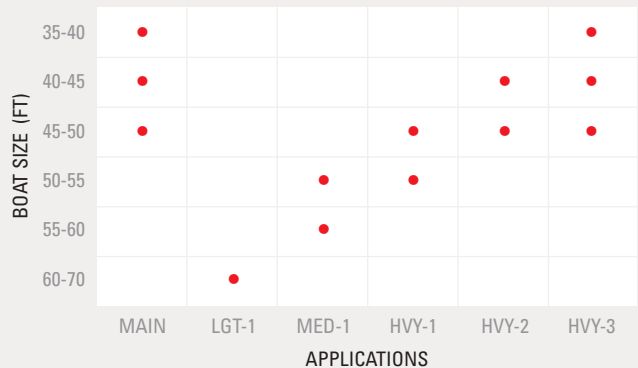
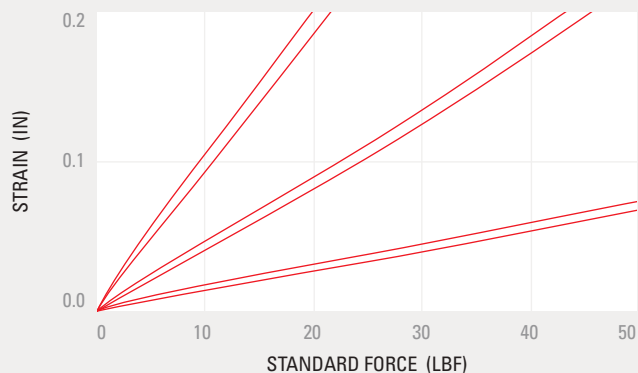
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## Specifications

Yarn Denier	300 x 700
Weight	9.0 SM oz / 387 gsm
Aspect Ratio	Low Aspect





# 10.53 Newport LA

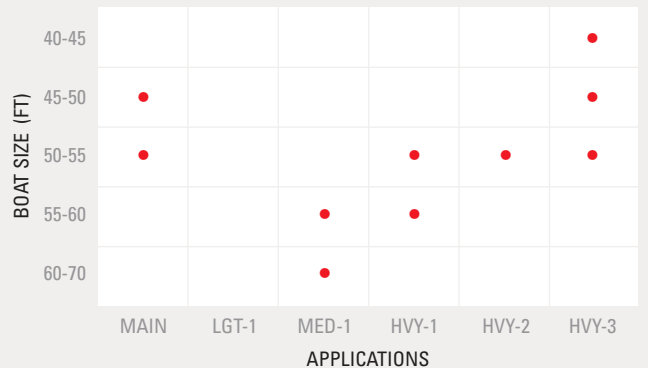
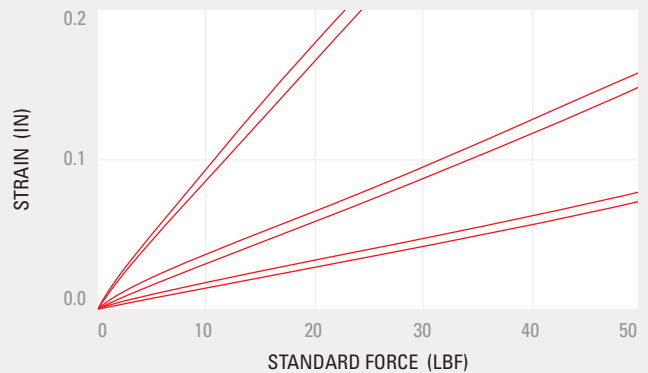
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## Specifications

Yarn Denier \_\_\_\_\_ 350 x 840  
 Weight \_\_\_\_\_ 10.3 SM oz / 441 gsm  
 Aspect Ratio \_\_\_\_\_ Low Aspect





# 11.93 Newport LA

High quality sailcloth for great sail shape and life.

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## Specifications

Yarn Denier \_\_\_\_\_ 500 x 1300  
 Weight \_\_\_\_\_ 11.3 SM oz / 484 gsm  
 Aspect Ratio \_\_\_\_\_ Low Aspect

