



5.45 Newport AP

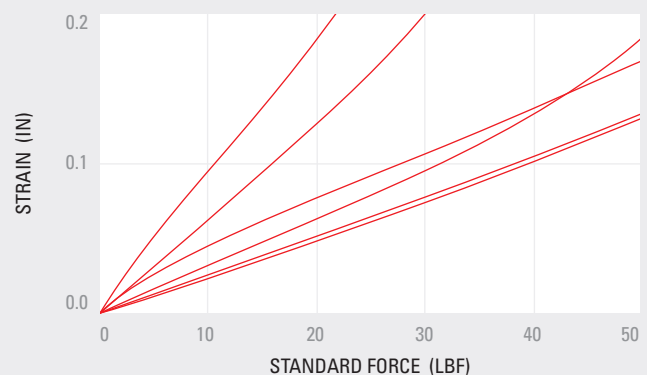
High quality sailcloth for great sail shape and life.

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	200 x 350
Weight	5.5 SM oz / 236 gsm
Application	All Purpose



5.93 Newport AP

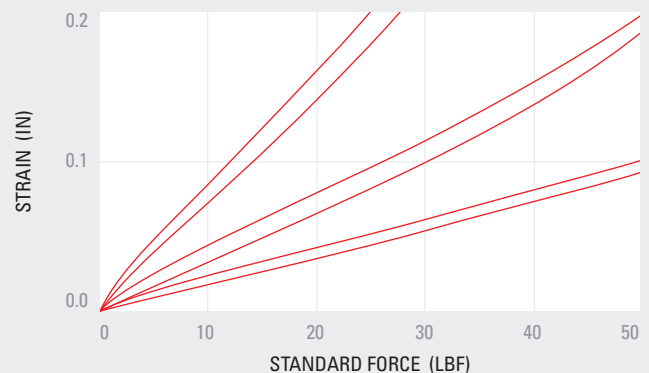
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Specifications

Yarn Denier	150 x 350
Weight	5.6 SM oz / 240 gsm
Application	All Purpose



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ST SUPER
TENACITY

Fiber 104™

INTERLOCK™
WEAVE

6.45 Newport AP

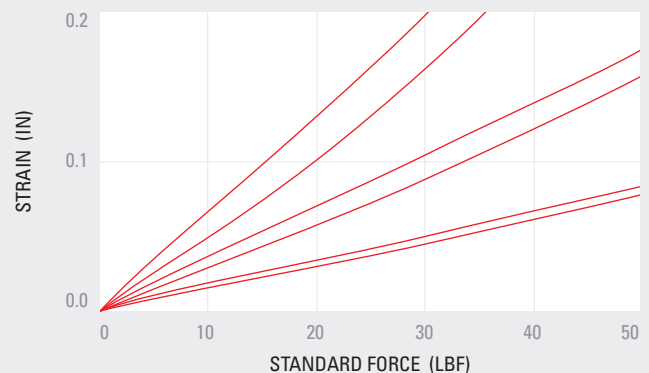
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Specifications

Yarn Denier	220 x 440
Weight	6.5 SM oz / 278 gsm
Application	All Purpose



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6.63 Newport AP

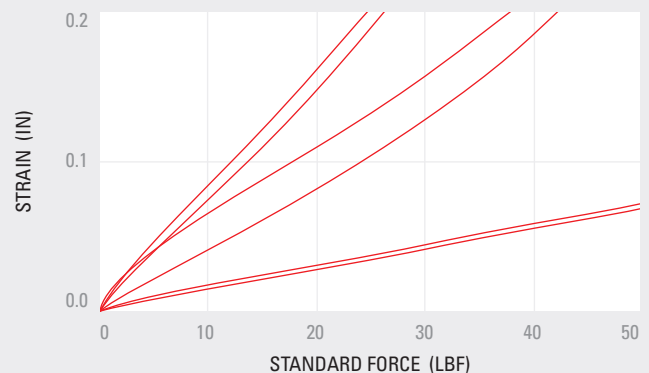
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Specifications

Yarn Denier	150 x 500
Weight	6.7 SM oz / 287 gsm
Application	All Purpose



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7.45 Newport AP

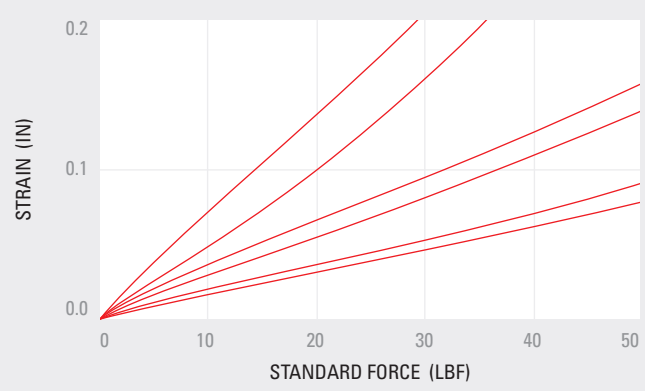
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Specifications

Yarn Denier	275 x 500
Weight	7.7 SM oz / 328 gsm
Application	All Purpose





7.95 Newport AP

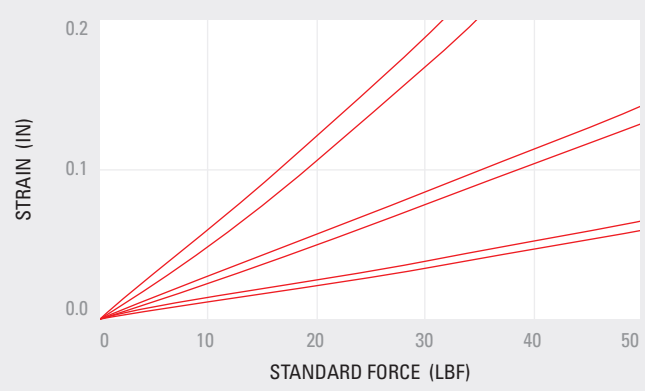
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Specifications

Yarn Denier	275 x 750
Weight	8.3 SM oz / 355 gsm
Application	All Purpose



8.95 Newport AP

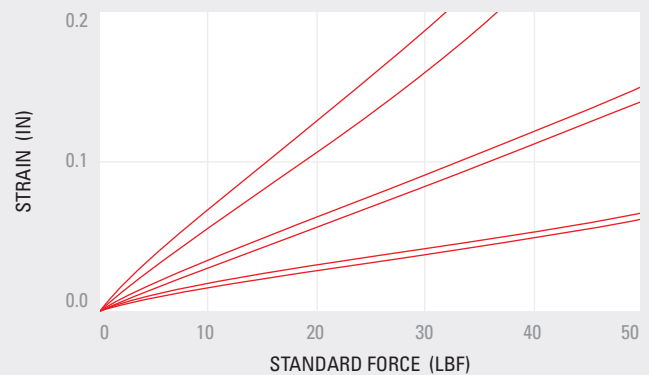
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Specifications

Yarn Denier	350 x 840
Weight	8.7 SM oz / 374 gsm
Application	All Purpose



9.95 Newport AP

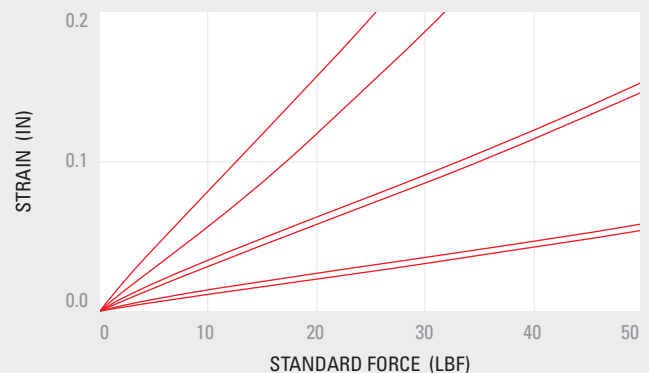
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Specifications

Yarn Denier	350 x 1000
Weight	9.4 SM oz / 403 gsm
Application	All Purpose



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10.95 Newport AP

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Specifications

Yarn Denier	440 x 1300
Weight	10.9 SM oz / 465 gsm
Application	All Purpose

