



# 7.03 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 \_\_\_\_\_ 250 x 420  
 Weight \_\_\_\_\_ 7.1 SM oz / 304 gsm  
 Aspect Ratio \_\_\_\_\_ Low Aspect

