

5.93 High Aspect High Modulus



Challenge Sailcloth's High Modulus Weaves are high performance racing and high end cruising fabrics. They feature tight weaves of very high counts of warp yarns (high sleys), and highest modulus, highest shrink Fiber 104 or Performance Fibers 1W70 fill yarns in most weights (where available). These superior fibers (the finest that money can buy) best resist high leech loads in Crosscut Sails. High Modulus Weaves compare extremely favorably to the top constructions made by our competitors, who use little to no Fiber 104 and 1W70.

Construction

- 5.93 has a very high warp count of 150 denier and a 350 denier Highest Tenacity Fiber 104 fill. The high sley (number of warp yarns) makes straight "tunnels" which make the fill yarn straight. (Low "crimp") This takes maximum advantage of the very high modulus or low stretch fill yarn, to best maintain sailshape.
- Warp to fill denier ratio of 1 : 2.33 makes this fabric slightly on the High Aspect side of High Modulus Weaves
- The Actual weight is 6.0 Oz. per Sailmaker's Yard. (28.5" x 36").

