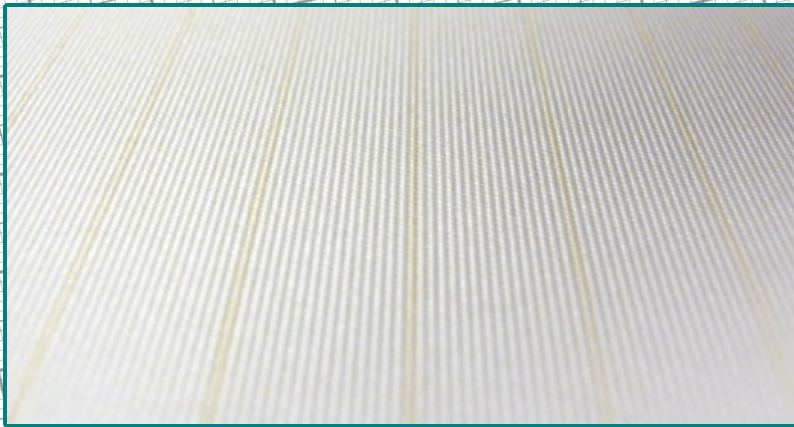


CRUSADER SAILS

PROVEN RELIABILITY AND PERFORMANCE

Vektron™

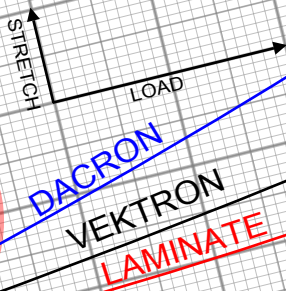


After an extensive period of R&D and collaboration of technical fiber, weaving, and finishing techniques, leading sailcloth manufacturers have produced the next generation of Vectran Sailcloth.

The same sophisticated and proprietary techniques have been used that made Vektron the choice of many sailors and Projects such as The Global Challenge, which considered the Vektron perhaps the most durable sailcloth available.

Vektron Sailcloth is a mixture of Highest Tenacity polyester and Vectran in the fill. (see photo) Super-High Modulus VECTRAN® fibre yarns reinforce the Dacron fill fibers. Vektron has slightly lower stretch than standard Dacron.

The experience of Global Challenge and others is that the Vektron concept enhances durability. A solution for the problems that could not be overcome with laminated sailcloth, Vectran has similar flex fatigue characteristics to Spectra®, but unlike Spectra® has high heat resistance. This allows it to be woven with polyester and through a special process, can be shrunk around the Vectran fibre. Achieving a very low stretch woven sailcloth, as the stretch resistance is so improved, the true weight of the sailcloth can be reduced for a given job.



After extensive testing **CRUSADER SAILS** have chosen Vektron cloth to complement their existing range of ocean proven Long Distance

specification cruising sails. It is available as an optional extra, giving a similar performance uplift to that of laminated sails but without the well known mildew and structural issues associated with laminated

cruising cloth. It has also established itself as our cloth of choice for our range of in mast reefing mainsails with or without battens (for further information see our relevant information sheets). The ultra stable Vectran fill fibres combined with the latest computer aided fan cut designs ensure the lowest stretch possible in conjunction with ultra robust cross cut construction features. Seams are constructed with 3, 4 or 5 rows of 4-point stitching, sewn with UV stabilised Dacron thread and **CRUSADER'S** CAD designed and cut stress-dissipating corner reinforcement.

For further information see our website www.crusadersails.com, email info@crusadersails.com or talk to one of **CRUSADER SAILS** experts on +44 (0) 1202 670580.

Designed, cut and finished by craftsmen in our UK loft

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