



Performance Cruise

Sailcloth

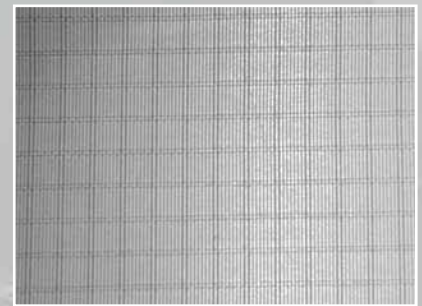
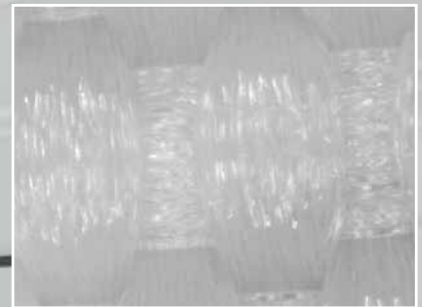
A brand new performance cruise cloth featuring special matrix double ripstop construction.

HSX-P joins the **HSX** performance family of sailcloth – by offering a new mid line product giving the sailmaker and sailor a far wider choice.



 **BAI**

1917



HS  **P**

Developed as a premium range product from the outset, NEW **HSX-P** brings the proven advantages of a **double ripstop** woven polyester sailcloth to the Cruising/Cruise Race sailor.

This new generation of sailcloth demonstrates the further advancement of Bainbridge's unique specialist expertise in developing technical ripstop fabrics which optimise strength, performance and quality.

HSX-P has been developed using the same extensive R&D programme as the established **HSX-V Vectran®** project and has benefitted in its evolution from the shared knowledge and ongoing field testing of Bainbridge ripstop fabrics.

Coupled with the unique Bainbridge finishing process – perfected within our own production facility in Lyon, France, and using the specialist formula know-how to ensure exactly the right amount of finish is integrated into the perfectly woven sailcloth.

This scientific process is essential to the performance and durability of the sailcloth – and can only be achieved by Bainbridge thanks to a century of knowledge and theory we have derived from pioneering these techniques.

The development of this new product has been influenced by the following design specification set out for the project:

- **To only use the highest quality polyester yarns throughout its construction – to ensure consistently good weave and predictable finish characteristics through the heat setting process**
- **To produce a sailcloth of such a tightly packed and highly woven standard reduces the reliance on 'resin fill' to 'up the weight' of the sailcloth**
- **To research and optimise the exact double ripstop pattern to deliver the highest possible bias strength from a 100% polyester fibre fabric**





For the Sailor

A highly durable sailcloth with a visually clear strength and performance advantage over traditional plain weave products

For the Sailmaker

A competitively priced, good performance product that is easy to work and handle – enabling the production of high quality finished sails

HSX-P has been developed to expand the widely acclaimed Bainbridge **HSX** range. From the outset the brief to the Bainbridge R&D team was to develop a sailcloth which offers a significant step-up in performance terms from plain weave **HSX**, combined with the functional performance advantages of **HSX-V**. The 100% polyester construction of high tenacity fibres in this new sailcloth hits this target through construction design and latest finishing techniques

	Denier Warp	Denier Fill/Weft	Tenacity Warp	Tenacity Fill/Weft	Wt g/m ²	Wt sm oz	Part Number
HSXP 626	280 + 560	550 + 940	HT	HT	254	5.88	FWP062600
HSXP 726	330 + 660	660 + 1100	HT	HT	301	7.04	FWP072600
HSXP 826	550 + 1100	700 + 1100	HT	HT	360	8.41	FWP082600
HSXP 926	550 + 1100	940 + 1440	HT	HT	404	9.44	FWP092600

Note: Bainbridge operates a policy of continual improvement and we reserve the right to change specifications without prior notice. In the case of this advance technical data we reserve the right to alter specifications following testing and or manufacturing improvements in the product. Performance data and weights are genuine averages based on a series of production lots - and should be used as a guide.

Available from:



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