

HSX Premium Sailcloth

HSX-345 • 445 • 545 • 665 • 765 • 865 • 965

HSX™

PREMIUM SAILCLOTH

Premium Woven Sailcloth



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Promotional Support

Free samples and an informative leaflet to send your customers are now available from all Bainbridge International offices. You can also point your customers to our boat owner website, www.sailcloth.com

HSX is designed to be the best woven sailcloth available. Designed without compromise, only the best high tenacity yarns are used in high sley constructions. The tightness of the weave coupled with a new and unique finishing system delivers performance, durability and control.

HSX is available in weights ranging from 4oz to 9oz and in a variety of constructions that include balanced, low aspect and high aspect styles. All styles are now finished using a unique UV inhibitor.

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HSX products feature high sley count constructions that are the tightest possible weaves. This creates built in bias control, as the weave is less dependant on finishing bias stability. Lighter styles use balanced and low aspect constructions making them ideal for smaller sails. Heavier styles use high aspect constructions for ultimate 1% performance. HSX is finished using a new process that allows accurate control of bias specifications and improves performance after flutter.

- ▲ UV Finish: All HSX styles are finished using a unique UV inhibitor to extend sail life.
- ▲ High Sley Constructions: The tightest possible weave with more fibre packed in.
- ▲ High Tenacity Yarns: Used throughout the range.
- ▲ New Finishing System: Improved durability, performance and consistency.
- ▲ Technical Support: Performance graphs are available in electronic format via email for all production batches.

Bias Specifications

Specification	Initial Bias Range
Extra Firm	6.0 - 8.0
Very Firm	8.0 - 10.0
Firm	10.0 - 12.0
Medium	12.0 - 14.0
Soft	> 14.0

HSX Bias Specifications

Most styles are available in a choice of bias specifications. Please enquire at time of order.



Specifications - HSX Premium Sailcloth

Style	Width: mm/in		Direction	Aspect	Warp x Fill: Denier		Weight: gsm/smoz		Lab 10lb	Flutter 10lb	1% Elongation (lb)
HSX-345	914	36	Warp Fill	Balanced	150 250	166 3.9	5 4.5	6.5 6	30		
HSX-445	914	36	Warp Fill	Balanced	150 250	175 4.1	3.5 3.5	5.5 5.5	32		
HSX-545	914	36	Warp Fill	Balanced	150 250	221 5.2	5 2.3	6.8 3.5	53		
HSX-665	1370	54	Warp Fill	Low	150 450	265 6.2	4.6 1.8	6.2 2.4	83		
HSX-765	1370	54	Warp Fill	Low	250 620	336 7.7	3.4 1.6	4.8 2	87		
HSX-865	1370	54	Warp Fill	High	250 750	360 8.4	3.6 1.4	5.1 1.9	112		
HSX-965	1370	54	Warp Fill	High	250 1000	400 9.4	3.6 1.1	4.9 1.4	141		

Note: Performance data and weights are genuine averages based on a series of production lots.

Applications - HSX Premium Sailcloth

Boat Length	Main		Furling Genoa	#1	#2	#3
	Full Batten	Soft				
25 - 30	HSX-665	HSX-665	HSX-665	HSX-545	HSX-665	HSX-665
30 - 35	HSX-665	HSX-765	HSX-765	HSX-665	HSX-665	HSX-765
35 - 40	HSX-765	HSX-765	HSX-765	HSX-765	HSX-765	HSX-865
40 - 45	HSX-965	HSX-865	HSX-865	HSX-765	HSX-865	HSX-965
45 - 50	HSX-965	HSX-965	HSX-965	HSX-865	HSX-865	HSX-965