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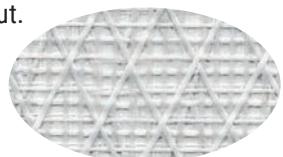


FLEX® Polyester

Looking for serious shape retention despite all sorts of loads? Then let's talk about Dimension-Polyant's FLEX® Polyester. The line stands for „Fill Laminate Extra X“ and fits for racing as well as cruising sails. In interaction, strong fill and warp yarns form the foundation for all FLEX® compositions. Additional 20° and 30° „Double X“ patterns from the fill absorb the appearance of multiple loads. Thanks to its newly developed construction, our FLEX® is a multitalented load balancer that can handle strain in six different directions. Thus no wonder, this laminate is a shape retention king. FLEX® answers primary loads, off-angle loads in clew, head and tack areas, mid leech and luff. Additionally, it is also capable of absorbing dynamic loads occurring during sailing and enables excellent shape control. The good news is that FLEX® styles are crosscut.

For this reason, the fabric is available in several fiber densities which can be combined in one sail.

For users that leads to the great benefit of being able to compose a sail to the individually expected load situation whilst the firmly locked-up fiber matrix provides a reliably long performance life and superior durability.

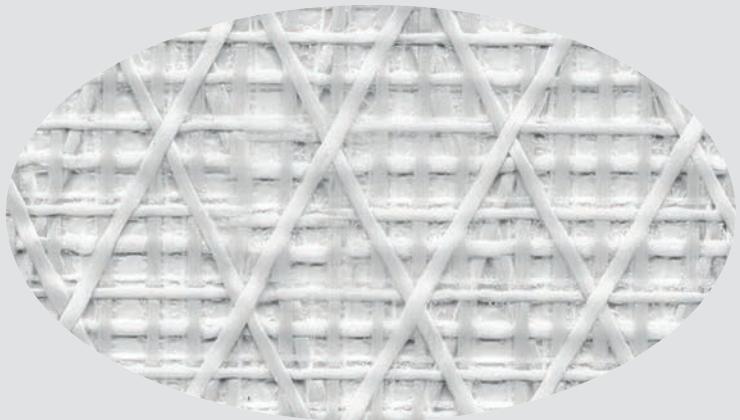


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Boat Length	Application	Style
20 - 25 feet	Mainsail	FLX13 Poly
	Light #1	FLX08 Poly
	#1	FLX08 Poly
	#2	FLX13 Poly
	#3	FLX13 Poly
26 - 30 feet	Mainsail	
	Light #1	FLX13 Poly
	#1	FLX13 Poly
	#2	
	#3	
31 - 35 feet	Mainsail	
	Light #1	
	#1	
	#2	
	#3	



GENERAL NOTE

All suggestions are based on our world wide experience with sailcloth applications. Please note that the recommendations are meant as guidelines for modern IMS yachts or yachts of comparable righting moment and sail sizes. You should consider, when making your choice, if the sail will be used in a particular heavy- or light wind area.

Neither Dimension-Polyant nor any of its affiliates assume any liability for special, incidental or consequential damages due to the recommendation given.

HIGHEST QUALITY FROM THE START

Dimension-Polyant uses only performance high tenacity fibers, customdeveloped chemicals as well as premium films from qualified suppliers.

IN-HOUSE MANUFACTURING

Dimension-Polyant is worldwide the sole producer of high quality sailcloth with its own in-house manufacturing. As sailcloth is our only product we have invested in customized equipment for weaving, finishing and laminating.

CONTINUOUS INNOVATION

Dimension-Polyant has the most dedicated R&D team, the state-of-the-art facilities and preferred access to the newest fibers, chemicals and components. Together with German and American engineering this provides the base for trend setting developments.

GLOBAL REACH

Our worldwide distribution and technical support network makes Dimension-Polyant the perfect partner for your sailmaker.

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