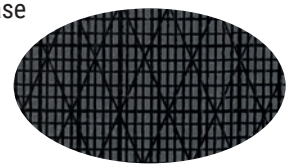
SICEN

PE Black Line

One of Dimension-Polyant's strengths is the ability to take proven products further, to evolve them in different directions and to develop them for special applications. That's what we did with our based on polyester PX Line. The family got a new sister named PE Line. The character of the specially constructed PE Line is formed by so called PEN yarns, making it an incredibly low-strain product. Fabrics of the PE Line impress with 30 to 40 percent less stretch than their polyester based basic version. We also call this strong line PEN X-PLY®. It is the ideal choice for all cases where the lowest elongation has the highest priority, but aramid yarns should not be used. These sturdy materials are produced in application of our well-known X-PLY® construction and will please the sailmaker of your choice as perfectly laminated material including Dimension-Polyant's proven and reliable UV protection.



The leading sailcloth manufacturer. Innovation since 1966
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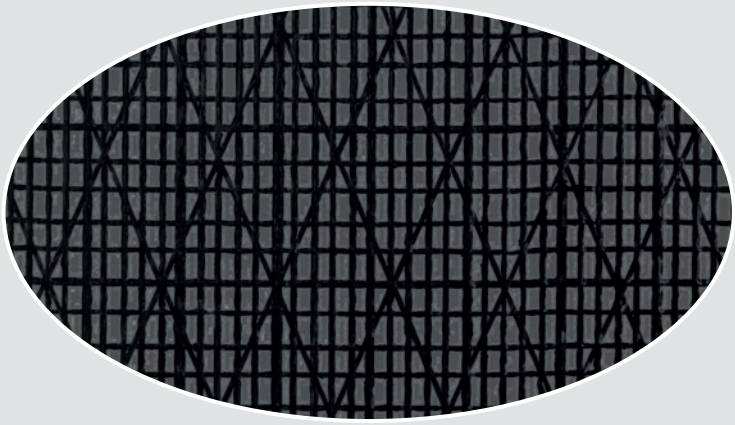
Boat Length	Application	PE Black Line
20 - 25 feet	Mainsail Light #1 #1 #2 #3	PEB 10/05 PEB 05 PEB 10/05 PEB 10
26 - 30 feet	Mainsail Light #1 #1 #2 #3	PEB 15/10 PEB 05 PEB 10/05 PEB 15/10 PEB 15
31 - 35 feet	Mainsail Light #1 #1 #2 #3	 PEB 10/05 PEB 15/10
36 - 40 feet	Mainsail Light #1 #1 #2 #3	 PEB 10
41 - 45 feet	Mainsail Light #1 #1 #2 #3	 PEB 15/10



Style	Finish	Weight	Warp/Fill	Warp/Fill	X-PLY®
			Count	PEN/Polyester Black	Polyester Black
PEB05	1.5	3.8	5.8 x 5	1000 x 500	22° 840
PEB05	3.0	4.9	5.8 x 5	1000 x 500	22° 840
PEB10	1.5	4.4	9.6 x (4+1)	1000 x 500/1000	22° 840
PEB15	1.5	5.2	12.5 x (3+2)	1000 x 500/1000	22° 840

GENERAL NOTE

All suggestions are based on our worldwide experience with sailcloth applications. Please note that the recommendations are meant as guidelines. 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 sail-maker.

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