



SIOEN



## *PX Black Line*

It all started with our extremely successful PX Polyester warp oriented fabrics. Once they had sailed on the wave of success, our R&D team took the proven concept further and developed the PXB Polyester line coming with a custom black fiber coating and all its attractive benefits like the pleasant improvement of the UV properties of the Polyester fiber in an efficient weight-to-strength radial construction. As with our standard PX styles, the weight ranges will step up in 5000 deniers per inch increments in the warp, from 5000 to 20,000 DPI. At the same time, the fill DPI also increases as the warp count goes up to confidently respond to the intensified overall loading across the sail. Additionally, our patented Dimension-Polyant X-PLY® comes into play and further addresses off angle loading for the highest stability available in this type fabric. We know that our clients do not expect any less from us than that.

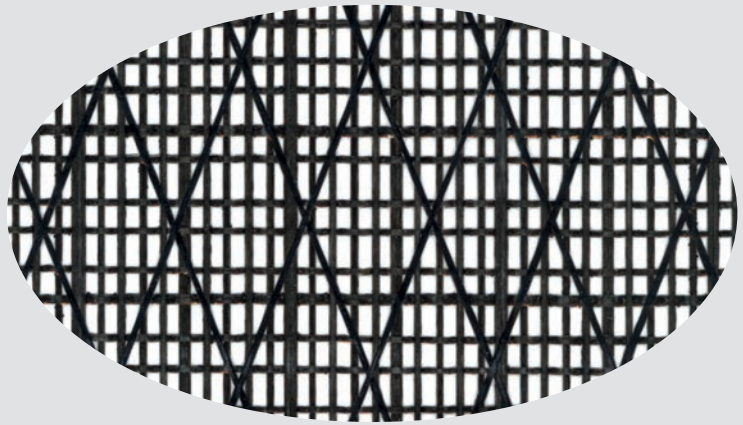


The leading sailcloth manufacturer. Innovation since 1966  
[dimension-polyant.com](http://dimension-polyant.com)



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polyant*

| Boat Length  | Application          | PX Black Line    |
|--------------|----------------------|------------------|
| 20 - 25 feet | Mainsail<br>Light #1 | PXB05 / 10       |
|              |                      | #1<br>PXB05      |
|              |                      | #2<br>PXB05 / 10 |
|              |                      | #3<br>PXB10      |
| 26 - 30 feet | Mainsail<br>Light #1 | PXB10 / 15       |
|              |                      | #1<br>PXB05      |
|              |                      | #2<br>PXB05 / 10 |
|              |                      | #3<br>PXB10 / 15 |
| 31- 35 feet  | Mainsail<br>Light #1 | PXB15 / 20       |
|              |                      | #1<br>PXB05 / 10 |
|              |                      | #2<br>PXB10 / 15 |
|              |                      | #3<br>PXB15 / 20 |
| 36 - 40 feet | Mainsail<br>Light #1 | PXB20            |
|              |                      | #1<br>PXB10      |
|              |                      | #2<br>PXB15 / 20 |
|              |                      | #3<br>PXB20      |



| Style | Weight | Warp/Fill      | Warp/Fill       | X-PLY®          |
|-------|--------|----------------|-----------------|-----------------|
|       | Sm-oz  | Count          | Polyester Black | Polyester Black |
| PX05  | 3,6    | 5 x 5          | 1000 x 500      | 22° 840         |
| PX10  | 4,4    | 9,6 x (4 + 1)  | 1000 x 500/1000 | 22° 840         |
| PX15  | 5,2    | 12,5 x (3 + 2) | 1000 x 500/1000 | 22° 840         |
| PX20  | 6,0    | 18,0 x (2 + 3) | 1000 x 500/1000 | 22° 840         |

#### 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 sail-maker.

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