

clear ahead

DIMENSION-POLYANT

... the true sailcloth producer



Flex[®] Aramid Race

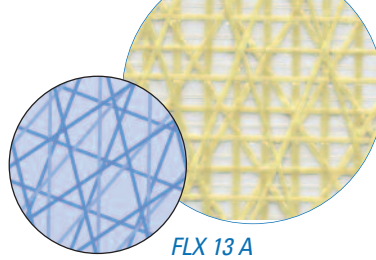
DIMENSION-POLYANT's FLEX[®] line stands for "Fill Laminate Extra X".

The FLEX[®] range of fabrics is suited to racing and cruising sails. Foundations of all FLEX[®] laminate constructions are strong fill and warp yarns. Additional 20° and 30° "Double X" patterns from the fill absorb multiple load situations. Thanks to its novel construction, FLEX[®] handles strain in six different directions, resulting in unprecedented shape retention characteristics. In addition to primary loads, off-angle loads in clew, head and tack areas, mid leech and luff are catered for. FLEX[®] will also absorb those dynamic loads that occur during sailing and enables excellent shape control. FLEX[®] styles are crosscut fabrics and available with several fibre densities which can be combined in a sail in accordance with the expected load situation. FLEX[®]'s firmly locked-up fiber matrix guarantees long performance life and superior durability.





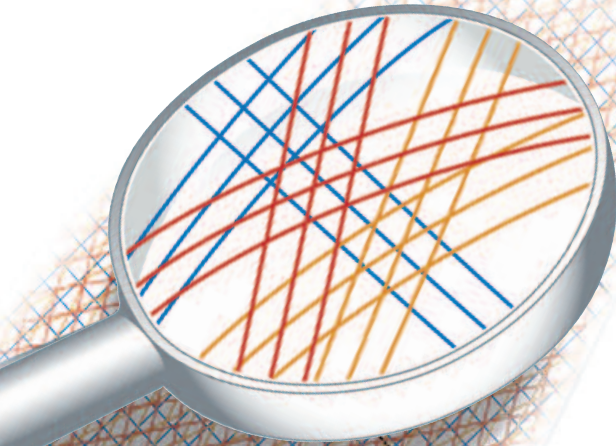
Flex[®] Aramid Race



FLX 13 A

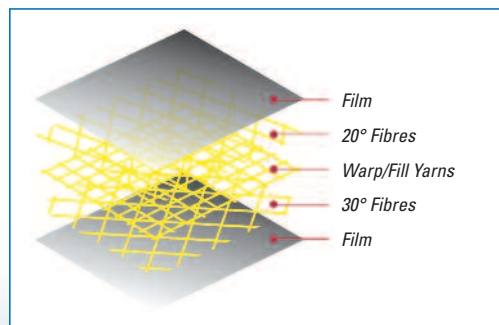
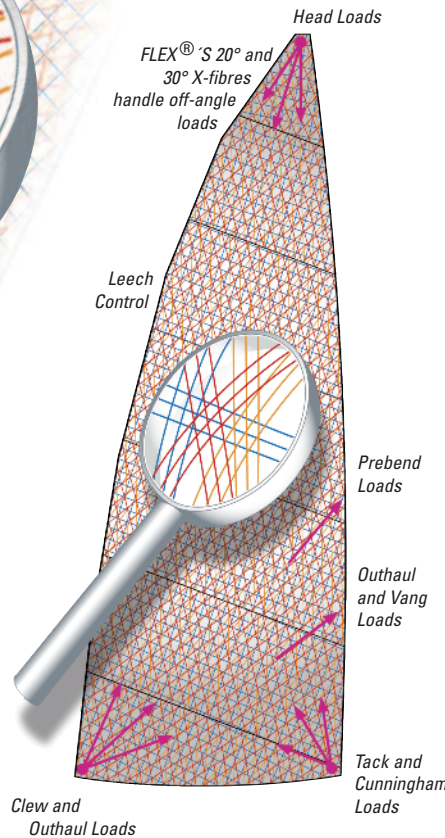


sailcloth
technology



FLEX[®] - excellent shape control

- Multi-directional load handling – 0° Warp/90° Fill, double 20° yarns, and double 30° yarns means FLEX[®] handles load in six directions
- Maximum draft position – Multi-directional yarn layout addresses stability in draft position
- Leech stability – FLEX[®]'s double 'X's handle mid-leech loads of high- and low-aspect mains and genoas
- Step-up construction – Progressive weights in each FLEX[®] line allow step-up construction
- Tear strength – Strong, durable fill and warp yarns make FLEX[®] a tough, durable material
- Sail weight reduction – FLEX[®] has the ability to split weights from high-load to low-load areas
- Ease of construction – FLEX[®]'s two extra 'X's means there's no need to flip-flop panels



DIMENSION-POLYANT GmbH, Germany

Headquarters

Speefeld 7
D-47906 Kempen
Phone: +49 (2152) 891 0
Fax: +49 (2152) 891 149
info@dimension-polyant.com

DIMENSION-POLYANT SAS, France

1, Rue Newton
Parc Technologique
F-17000 La Rochelle
Phone: +33 (0) 546 282 201
Fax: +33 (0) 546 412 840
larochelle@dimension-polyant.com

DIMENSION-POLYANT SAS, France

Port de la Pointe Rouge
F-13008 Marseille
Phone: +33 (0) 491 736 628
Fax: +33 (0) 491 722 505
marseille@dimension-polyant.com

DIMENSION-POLYANT UK Ltd., United Kingdom

Unit 11, Kingdom Close
Kingdom Business Park
Segensworth East
GB-Fareham Hampshire PO15 5TJ
Phone: +44 (1489) 570 551
Fax: +44 (1489) 570 451
uk@dimension-polyant.com

DIMENSION-POLYANT Inc., USA

78, Highland Drive
USA-Putnam CT 06260
Phone: +1 (860) 928 8300
Fax: +1 (860) 928 8330
info@us.dimension-polyant.com

DIMENSION-POLYANT Sailcloth PTY Ltd., Australia

P.O. Box 825
Unit 7/9 Powells Rd.
AUS-Brookvale N.S.W. 2100
Phone: +61 (2) 9905 9565
Fax: +61 (2) 9905 9569
dp-aus@dimension-polyant.com

Style	Warp/Fill	30° X-Fibres	20° X-Fibres
FLX 08 A	4 x 4 1,000 x 1,000 Aramid	3 x 3 1,500 Aramid	
FLX 13 A	4 x 4 1,000 x 1,000 Aramid	3 x 3 1,500 Aramid	2 x 2 1,500 Aramid
FLX 16 A	5 x 6 1,000 x 1,000 Aramid	3 x 3 1,500 Aramid	2 x 2 1,500 Aramid
FLX 19 A	7 x 7 1,000 x 1,000 Aramid	3 x 3 1,500 Aramid	2 x 2 1,500 Aramid
FLX 24 A	6 x 7 1,000 x 1,500 Aramid	3 x 3 1,500 Aramid	2 x 2 1,500 Aramid

FLX13 A- FLX 24 A single taffetta UV
double taffetta UV

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