

Designing the Future

*clear ahead*

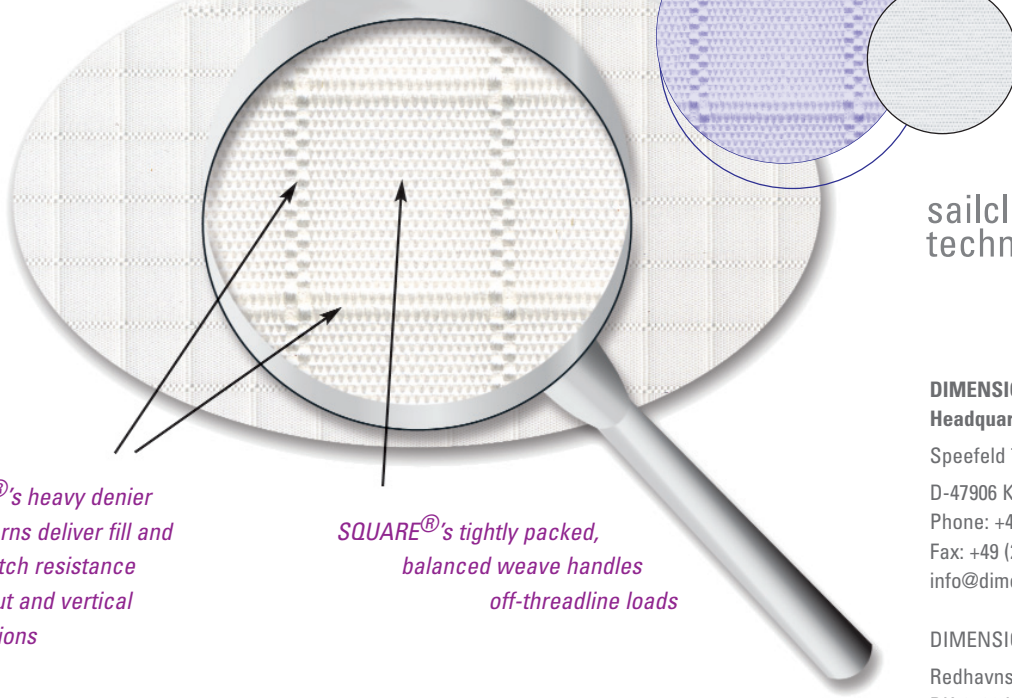
SQUARE®



*Square*®

DIMENSION-POLYANT's SQUARE® was designed for use in performance-oriented crosscut or radial sails. These premium polyester styles deliver top performance for off-threadline loads. SQUARE® styles, unique in several respects, are easily identified by the ripstop pattern woven into the substrate, using either 500 or 1,000 denier yarns paired in both the warp and fill direction. The ripstop yarns create an extremely rugged fabric, even in the lightweight styles with the very firm HTP® Plus finish. Larger sails can come with a HMT or MT finish and a more pleasant hand. All the SQUARE® styles feature fairly balanced construction, woven with very tightly packed small denier yarns. Combined with larger size SQUARE® yarns, it makes these styles low stretch in all three directions and suitable for both vertical and crosscut construction in racing and cruising headsails, as well as in small mainsails.





sailcloth  
technology

*SQUARE®'s heavy denier ripstop yarns deliver fill and warp stretch resistance in crosscut and vertical constructions*

*SQUARE®'s tightly packed, balanced weave handles off-threadline loads*

**DIMENSION-POLYANT** woven polyesters

Heavy denier, minimum-crimp ripstop yarns combined with a tightly-packed, balanced construction means lowstretch in warp, fill, and off-threadline directions

● **HIGHEST QUALITY, HIGHEST TENACITY YARNS & FIBERS**

The fibers in DIMENSION-POLYANT woven fabrics are engineered from high-quality, high-tenacity yarns

● **CONSISTENT CHEMICAL MAKEUP IN FINISHING**

Continual research and development with the world's best raw materials results in optimized coatings and finishes

● **CONSISTENT SPECS**

Start-to-finish control over the weaving and finishing processes means consistent stretch and firmness specs

● **FLATNESS**

Wide-width looms designed specifically for sailcloth and climate-controlled weaving plant results in flat, straight fabrics

● **IN-HOUSE CONTROL OF DESIGN, WEAVING & FINISHING**

Total control of every step in the sailcloth manufacturing process gives DP wovens consistent top performance

● **WORLD'S LARGEST MAKER OF WOVEN POLYESTER**

DIMENSION-POLYANT has more worldwide woven polyester fabric design, testing, construction, and finishing facilities than any other sailcloth producer

| Boat Length  | Application | Style |
|--------------|-------------|-------|
| 20 - 25 feet | Mainsail    | 245S  |
|              | Light #1    | 130S  |
|              | #1          | 180S  |
|              | #2          | 245S  |
|              | #3          | 253S  |
| 26 - 30 feet | Mainsail    | 265S  |
|              | Light #1    | 165S  |
|              | #1          | 245S  |
|              | #2          | 253S  |
|              | #3          | 265S  |
| 31 - 35 feet | Mainsail    | 310S  |
|              | Light #1    | 180S  |
|              | #1          | 253S  |
|              | #2          | 265S  |
|              | #3          | 310S  |
| 36 - 40 feet | Mainsail    | 340S  |
|              | Light #1    | 205S  |
|              | #1          | 253S  |
|              | #2          | 310S  |
|              | #3          | 340S  |
| 41 - 45 feet | Mainsail    | 205S  |
|              | Light #1    | 265S  |
|              | #1          | 265S  |
|              | #2          | 340S  |
|              | #3          | 340S  |

**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 ApS, Denmark**

Redhavnsvej 9  
DK-2100 Kobenhavn  
Phone: +45 (39) 293 000  
Fax: +45 (39) 293 500  
copenhagen@dimension-polyant.com

**DIMENSION-POLYANT SAS, France**

Rue Newton  
Parc Technologique  
F-17008 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