

Designing the Future

clear ahead

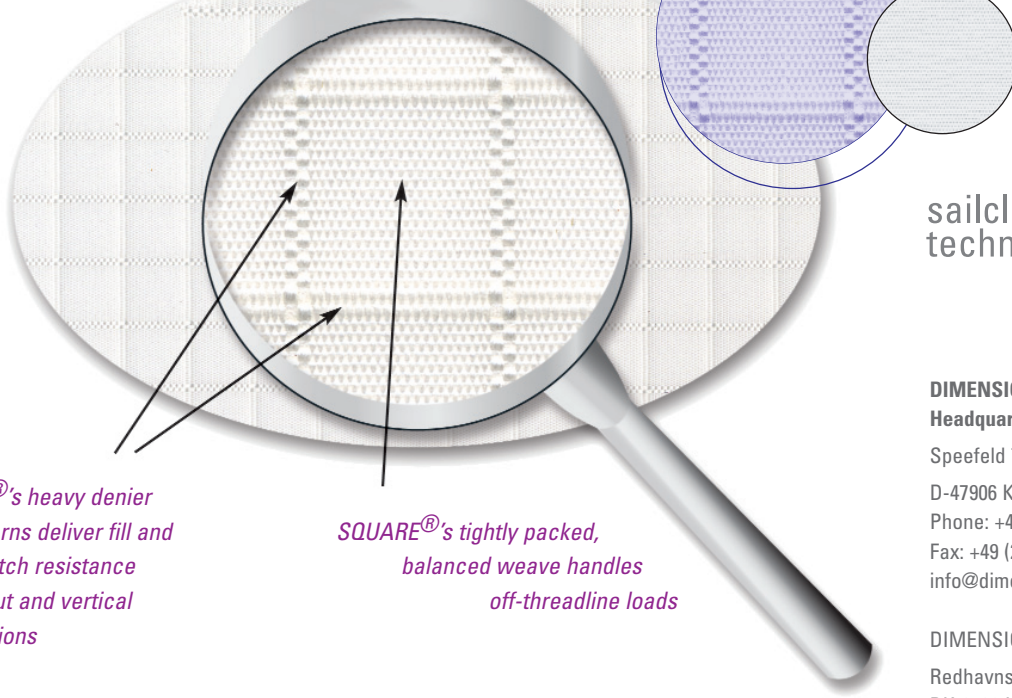
SQUARE®



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	
	Light #1	205S
	#1	265S
	#2	340S
	#3	

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