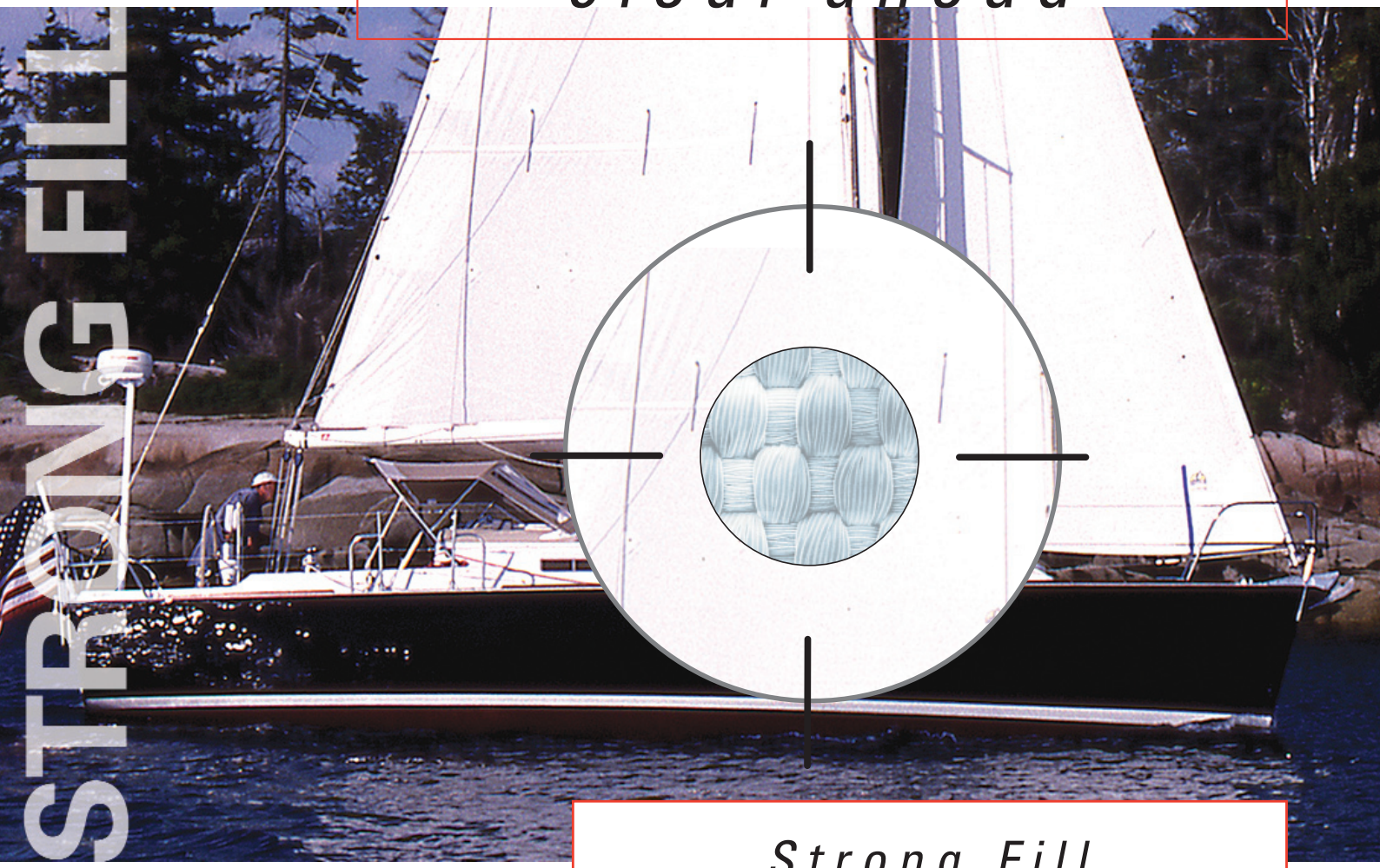
Designing the Future

clear ahead

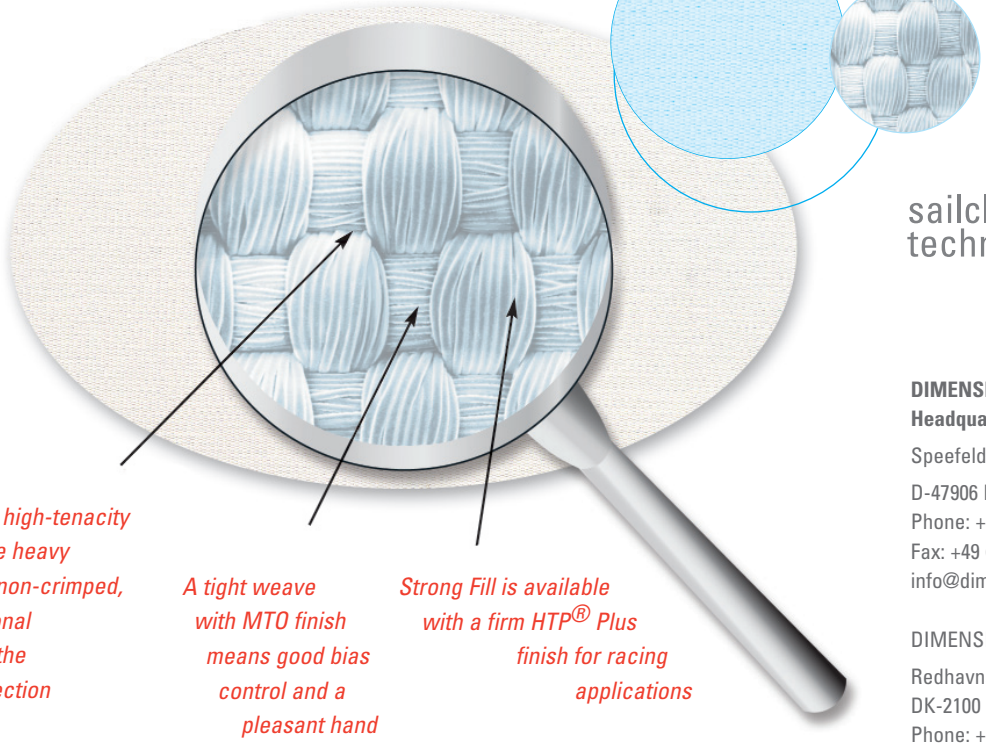


Strong Fill

DIMENSION-POLYANT's Strong Fill woven polyester is a fill-oriented construction that delivers exceptional threadline strength for high aspect applications. Strong Fill styles deliver an optimum combination of low stretch performance and durability for high aspect, high performance mainsails, jibs, and #3 headsails, in cloth weights that cover a wide range of boats. High-tenacity, non crimped fill yarns are the key to Strong Fill's unsurpassed stability in the primary direction. A tight weave maintains excellent bias control, and the MTO finish gives Strong Fill an easy-to-handlesoft working "hand." Strong Fill styles are also available in firm HTP® Plus finish for racing applications. Cloth widths are 36"/91.4cm for the 230SF and 260SF styles, and 36"/91.4cm and 55"/140cm for the 300SF, 350SF, and 390SF styles.

sailcloth technology

X-PLY® · DC-Line® · HydraNet® · FLEX® · Wovens · D4® Membranes · HydraNet® radial · GraphX® Carbon · DYS® Offshore · X-Tech · HTP® plus · INSERT®



Strong Fill's high-tenacity fill yarns are heavy denier and non-crimped, for exceptional strength in the primary direction

A tight weave with MTO finish means good bias control and a pleasant hand

Strong Fill is available with a firm HTP® Plus finish for racing applications

sailcloth technology

DIMENSION-POLYANT woven polyesters

Low Stretch, Strong, Durable High-Tenacity Fabric for High-Aspect Applications

- **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	230SF
	Light #1	
	#1	230SF
	#2	230SF
	#3	260SF
26 - 30 feet	Mainsail	260SF
	Light #1	
	#1	
	#2	260SF
	#3	260SF
31 - 35 feet	Mainsail	300SF
	Light #1	
	#1	
	#2	300SF
	#3	300SF
36 - 40 feet	Mainsail	350SF
	Light #1	
	#1	
	#2	350SF
	#3	350SF
41 - 45 feet	Mainsail	390SF
	Light #1	
	#1	
	#2	350SF
	#3	390SF

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