Designing the Future

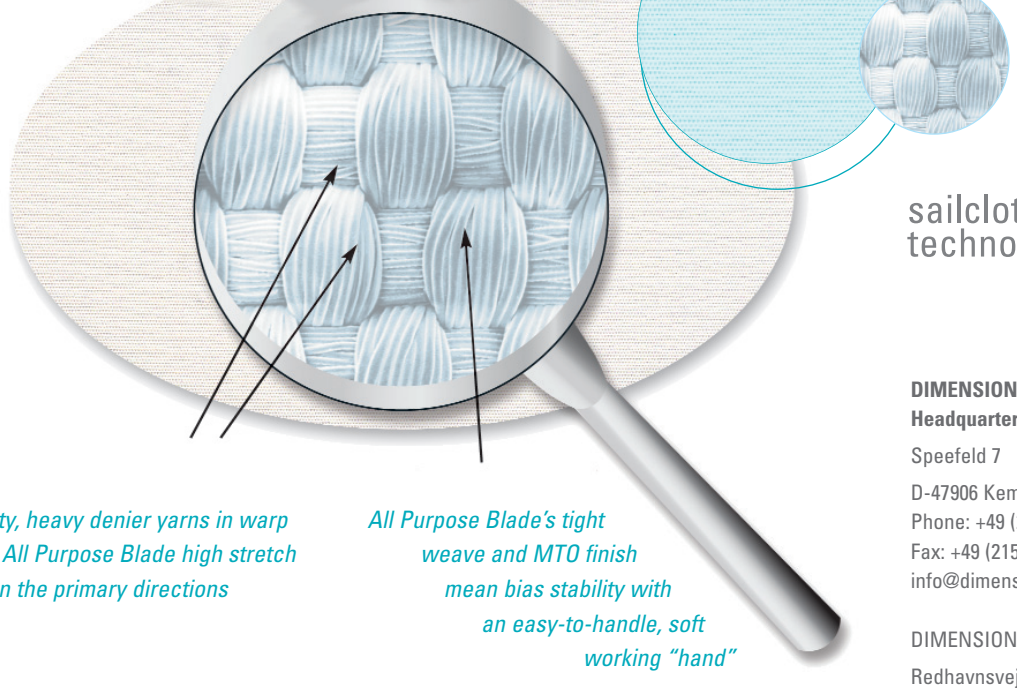
clear ahead

All Purpose Blade

DIMENSION-POLYANT's All Purpose Blade styles are engineered to provide strength and low elongation in the primary direction while delivering excellent bias stretch resistance. Performance oriented All Purpose Blade fabrics are built to fulfill two demands: They must enable sails to hold their shape over a wide wind range, and they must achieve long-term durablity. All Purpose Blade styles are available in HMTO, MTO, HTP® Plus, or (heavier styles only) FTO finish, and in cloth weights from 4.7 Sm-oz. (200AP) to 11.2 Sm-oz. (480AP). The ability of All Purpose Blade to resist long-term loads comes from the construction of the cloth in harmony with the finishing. Because DIMENSION-POLYANT controls each step, from weaving to heat-shrinking and finishing, All Purpose Blade is a consistently high-performing fabric.

sailcloth technology

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



sailcloth technology

High-tenacity, heavy denier yarns in warp and fill give All Purpose Blade high stretch resistance in the primary directions

All Purpose Blade's tight weave and MTO finish mean bias stability with an easy-to-handle, soft working "hand"

DIMENSION-POLYANT woven polyesters

A durable, balanced construction for long-lasting performance in low 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	240AP
	#1	200AP
	#2	200AP
	#3	240AP
26 - 30 feet	Mainsail	280AP
	#1	240AP
	#2	240AP
	#3	280AP
31 - 35 feet	Mainsail	320AP
	#1	240AP
	#2	320AP
	#3	360AP
36 - 40 feet	Mainsail	360AP
	#1	280AP
	#2	320AP
	#3	3601P
41 - 45 feet	Mainsail	410AP
	#1	280AP
	#2	360AP
	#3	410AP
46 - 50 feet	Mainsail	450AP
	#2	410AP
	#3	450AP

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