

clear ahead

DIMENSION-POLYANT

... the true sailcloth producer

HydraNet[®] radial

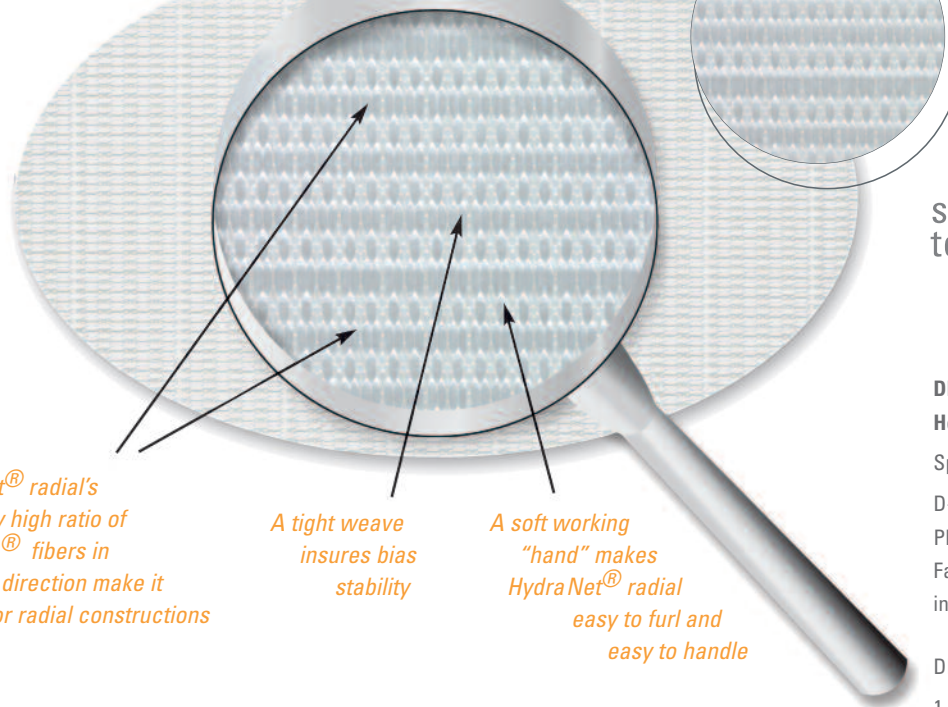
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Hydra Net[®] radial DIMENSION-POLYANT's HydraNet[®] radial styles combine the durability of a woven polyester base with a ripstop of Dyneema[®].

The resulting fabric is higher in tear strength and, combined with the strength of the ripstop, stronger over the life of the sail than any woven polyester. A bonus of the woven polyester construction is a breathable platform that minimizes the damp environment that triggers mildew growth. A tight weave gives HydraNet[®] radial its superior shape retention; the fabric also has a soft working "hand." For the sailmaker, design targets that were possible only with laminates can now be achieved with HydraNet[®] radial. The range of HydraNet[®] radial styles is designed for step-up construction, and the wide 54"/137cm width makes for efficient nesting of radial panels.





sailcloth technology

Hydra Net[®] radial's extremely high ratio of Dyneema[®] fibers in the warp direction make it perfect for radial constructions

A tight weave insures bias stability

A soft working "hand" makes Hydra Net[®] radial easy to furl and easy to handle



Hydra Net[®] radial

DIMENSION-POLYANT woven polyesters

The strength of warp-oriented Dyneema[®] fibers combined with a tight weave

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 D-P 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
26 - 30 feet	Mainsail #2	273 HNR 273 HNR
	Mainsail #1	303 HNR 273 HNR
31 - 35 feet	Mainsail #2	303 HNR
	Mainsail #1	343 HNR 303 HNR
	Mainsail #3	273 HNR 343 HNR
36 - 40 feet	Mainsail #2	343/393 HNR 343 HNR
	Mainsail #1	343/393 HNR
	Mainsail #3	393 HNR 343 HNR 393 HNR
41 - 45 feet	Mainsail #1	393 HNR 343 HNR 393 HNR
	Mainsail #2	343/393 HNR 393 HNR
	Mainsail #3	393/433 HNR 343 HNR 393 HNR
46 - 50 feet	Mainsail #1	433/483 HNR 393 HNR 393/433 HNR
	Mainsail #2	433/483 HNR
	Mainsail #3	483/533 HNR 393/433 HNR 483/533 HNR
51 - 55 feet	Mainsail #1	533 HNR
	Mainsail #2	483/533 HNR 533 HNR
	Mainsail #3	483/533 HNR 533 HNR
56 - 60 feet	Mainsail #1	533 HNR
	Mainsail #2	483/533 HNR 533 HNR
	Mainsail #3	483/533 HNR 533 HNR
61 - 65 feet	Mainsail #1	533 HNR
	Mainsail #2	483/533 HNR 533 HNR
	Mainsail #3	483/533 HNR 533 HNR

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