

# the Cloth, sails are made of

HYDRANET® RADIAL

Hydra  
NET® radial

Designing the Future

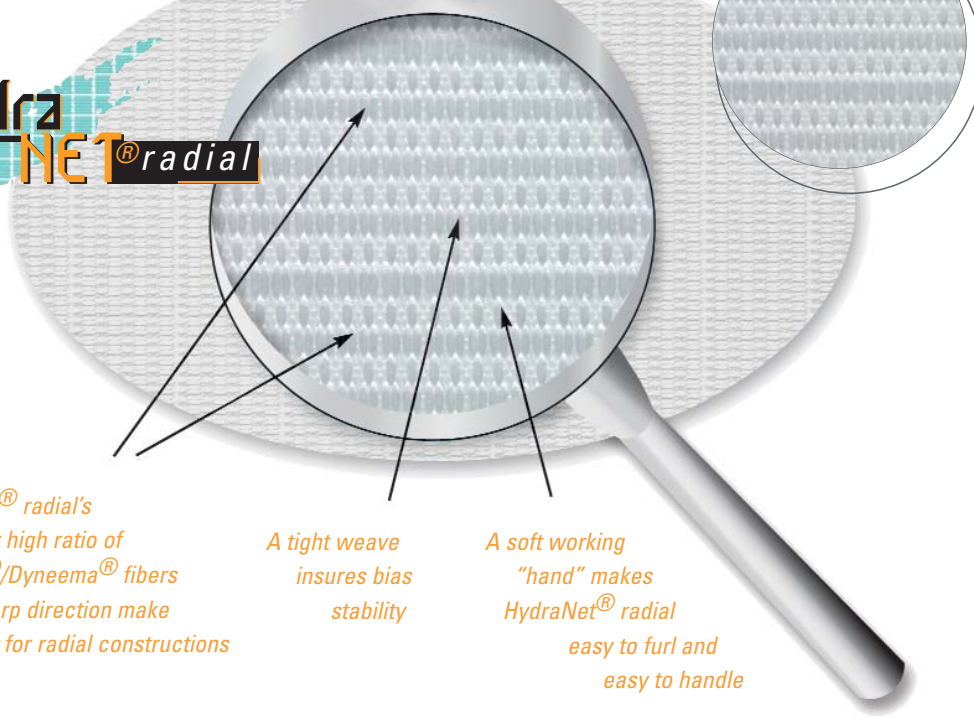
*HydraNet® radial*

DIMENSION-POLYANT's HydraNet® radial styles combine the durability of a woven polyester base with a ripstop of Spectra®/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.

[www.dimension-polyant.com](http://www.dimension-polyant.com)



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



HydraNet® radial's extremely high ratio of Spectra®/Dyneema® fibers in the warp direction make it perfect for radial constructions

A tight weave insures bias stability

A soft working "hand" makes HydraNet® radial easy to furl and easy to handle

**Dimension-Polyant woven polyesters**

The strength of warp-oriented Spectra®/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
31 - 35 feet	#3	HN343
36 - 40 feet	Mainsail	HN343
	#3	HN343
41 - 45 feet	Mainsail	HN343/383
	#2	HN343
	#3	HN343/383
46 - 50 feet	Mainsail	HN383
	#1	HN343
	#2	HN343/383
51 - 55 feet	#3	HN383
	Mainsail	HN383/433
	#1	HN343
56 - 60 feet	#2	HN383
	#3	HN383/433
	#1	HN433/483
61 - 65 feet	#2	HN383
	#3	HN383/433
	#1	HN483/533
	#2	HN383/433
	#3	HN483/533
	#1	HN533

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