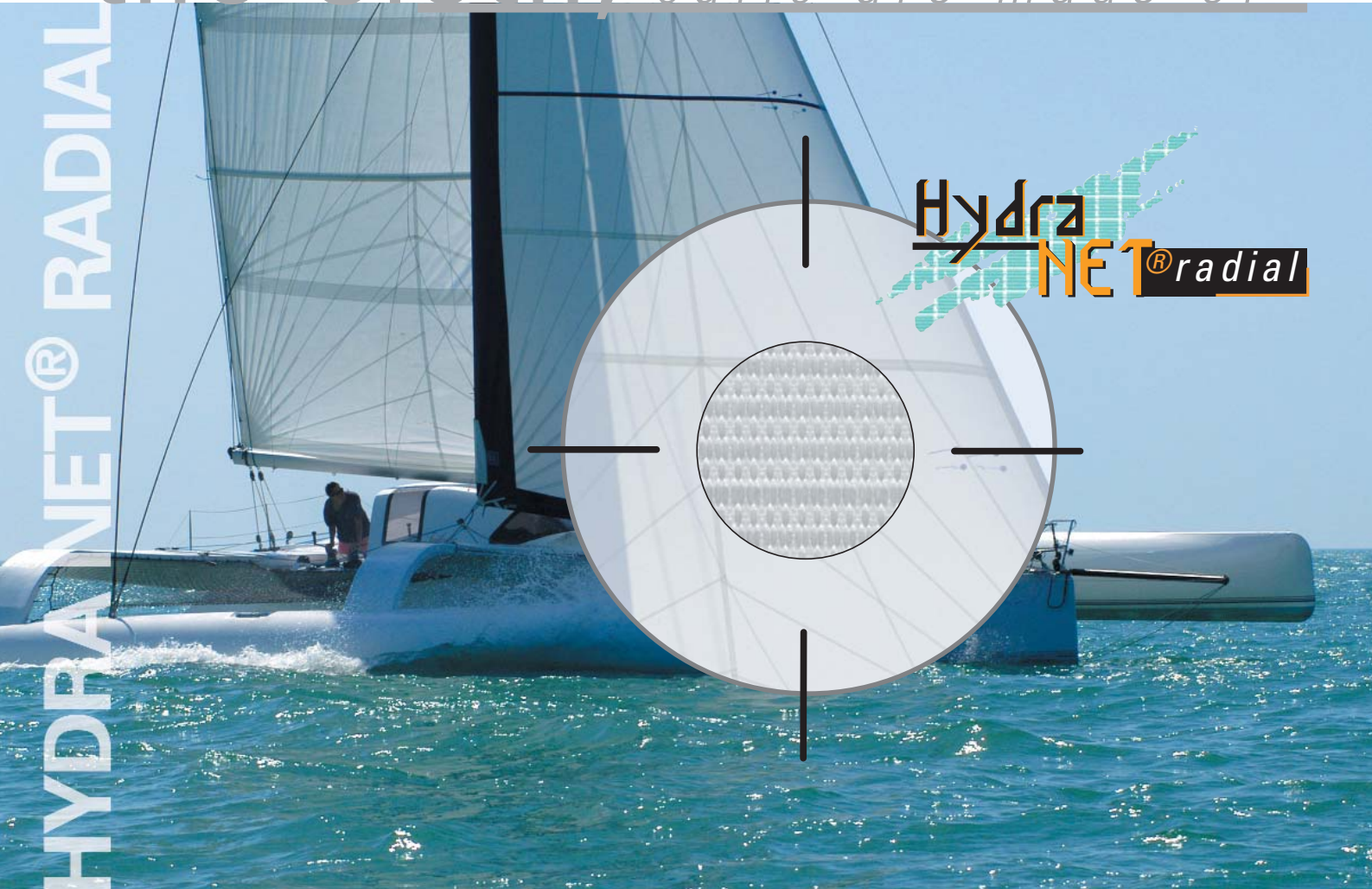


the Cloth, *sails are made of*

HYDRANET® RADIAL



Hydra
NET® radial

Designing the Future

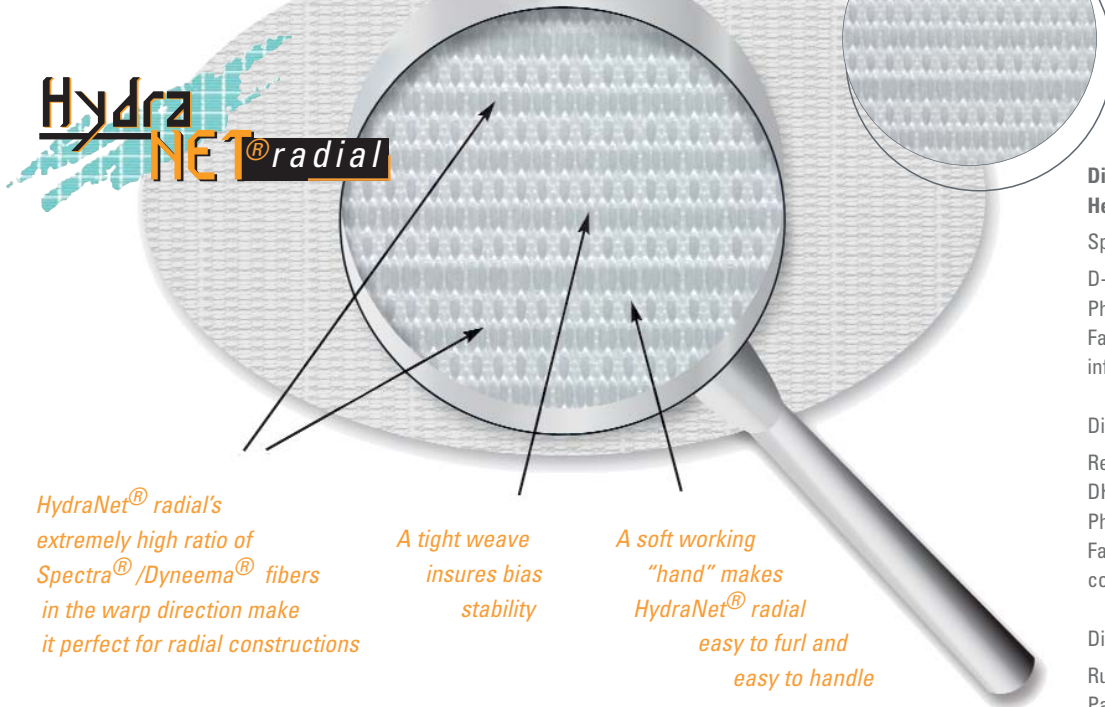
Hydra Net® radial

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



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 polyester

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 #3	HN343 HN343
41 - 45 feet	Mainsail #2 #3	HN343/383 HN343 HN343/383
46 - 50 feet	Mainsail #1 #2 #3	HN383 HN343 HN343/383 HN383
51 - 55 feet	Mainsail #1 #2 #3	HN383/433 HN343 HN383 HN383/433
56 - 60 feet	Mainsail #1 #2 #3	HN433/483 HN383 HN383/433 HN433/483
61 - 65 feet	Mainsail #1 #2 #3	HN483/533 HN383/433 HN483/533 HN533

Dimension-Polyant GmbH, Germany Headquarters
Speefeld 7
D-47906 Kempen
Phone: +49 (2152) 891 0
Fax: +49 (2152) 891 149
info@dimension-polyant.com

Dimension-Polyant APS, **Denmark**
Redhavnsvej 9
DK-2100 Kobenhaven
Phone: +45 (39) 293 000
Fax: +45 (39) 293 500
copenhagen@dimension-polyant.com

Dimension-Polyant SAS, **France**
Rue Newton
Parc Technologique
F-17000 La Rochelle
Phone: +33 (0) 546 282 201
Fax: +33 (0) 546 412 840
larochelle@dimension-polyant.com

Dimension-Polyant SAS, **France**
Port de la Pointe Rouge
F-13008 Marseille
Phone: +33 (0) 491 736 628
Fax: +33 (0) 491 722 505
marseille@dimension-polyant.com

Dimension-Polyant UK Ltd., **United Kingdom**
Unit 11, Kingdom Close
Kingdom Business Park
Segensworth East
GB-Fareham Hampshire PO15 5TJ
Phone: +44 (1489) 570 551
Fax: +44 (1489) 570 451
uk@dimension-polyant.com

Dimension-Polyant Inc., **USA**
78, Highland Drive
USA-Putnam CT 06260
Phone: +1 (860) 963 7413
Fax: +1 (860) 928 0161
info@us.dimension-polyant.com

Dimension-Polyant Sailcloth PTY Ltd., **Australia**
DIMENSION-POLYANT PTY LTD
P.O. Box 825
Unit 7/9 Powells Rd.
AUS-Brookvale N.S.W. 2100
Phone: +61 (2) 9905 9565
Fax: +61 (2) 9905 9569
dp-aus@dimension-polyant.com

