

*clear ahead*

*Speed · Innovation · Performance*



**Hydra**  
**NET® radial**

*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<sup>®</sup> radial's extremely high ratio of Dyneema<sup>®</sup> fibers in the warp direction make it perfect for radial constructions

A tight weave insures bias stability

A soft working "hand" makes Hydra Net<sup>®</sup> radial easy to furl and easy to handle

**DIMENSION-POLYANT** woven polyesters

The strength of warp-oriented Dyneema<sup>®</sup> 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
	#3	HN383
51 - 55 feet	Mainsail	HN383/433
	#1	HN343
	#2	HN383
	#3	HN383/433
56 - 60 feet	Mainsail	HN433/483
	#1	HN383
	#2	HN383/433
	#3	HN433/483
61 - 65 feet	Mainsail	HN483/533
	#1	HN383/433
	#2	HN483/533
	#3	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 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) 928 8300  
Fax: +1 (860) 928 8330  
info@us.dimension-polyant.com

**DIMENSION-POLYANT Sailcloth PTY Ltd., Australia**

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