

Designing the Future

clear ahead

HYDRANET®

Hydra
NET®

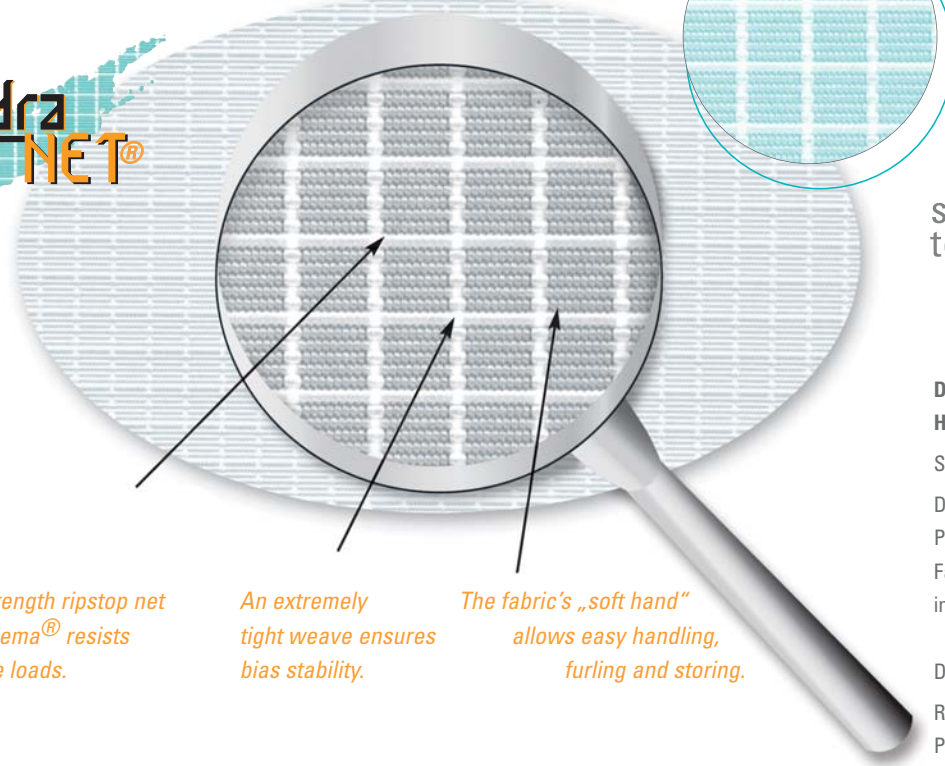
Hydra Net®

Over 70 % of sails worldwide require high strength woven polyester sailcloth. For the Hydra Net® line DIMENSION-POLYANT has developed particular production methods combining a tightly woven high tenacity fabric with a supporting grid of Dyneema®. Only high performance looms, specially engineered for the weave of this cloth, can achieve this unique construction. Hydra Net®'s stabilizing ripstop technology results in improved tear strength, excellent stability and durability which exceeds that of other woven polyester fabrics. The exclusive Hydra Net® finish creates a fabric with a „soft hand“ which retains excellent bias stability for optimized shape control. Hydra Net® sails are easy to handle, furl and store, making this a superior fabric for high performance offshore cruisers favoured by sailmakers and sailors alike.





sailcloth
technology



High strength ripstop net of Dyneema® resists extreme loads.

An extremely tight weave ensures bias stability.

The fabric's „soft hand“ allows easy handling, furling and storing.

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DIMENSION-POLYANT woven polyesters

Maximum strength, durability and shape control for high performance offshore cruising sails

● **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

▶ *easy to handle*
▶ *easy to fold and store*
▶ *excellent durability after repeated folding*

Application Hydra Net® (cross-cut)

Boat Length	Mainsail	Genoa	Jib
21' - 26'	HN270	HN200	HN270
27' - 32'	HN320	HN270	HN350
33' - 38'	HN350	HN320	HN380
39' - 44'	HN380	HN350	HN480
45' - 52'	HN480	HN380	