

clear ahead

DIMENSION-POLYANT

... the true sailcloth producer

Hydra Net[®]



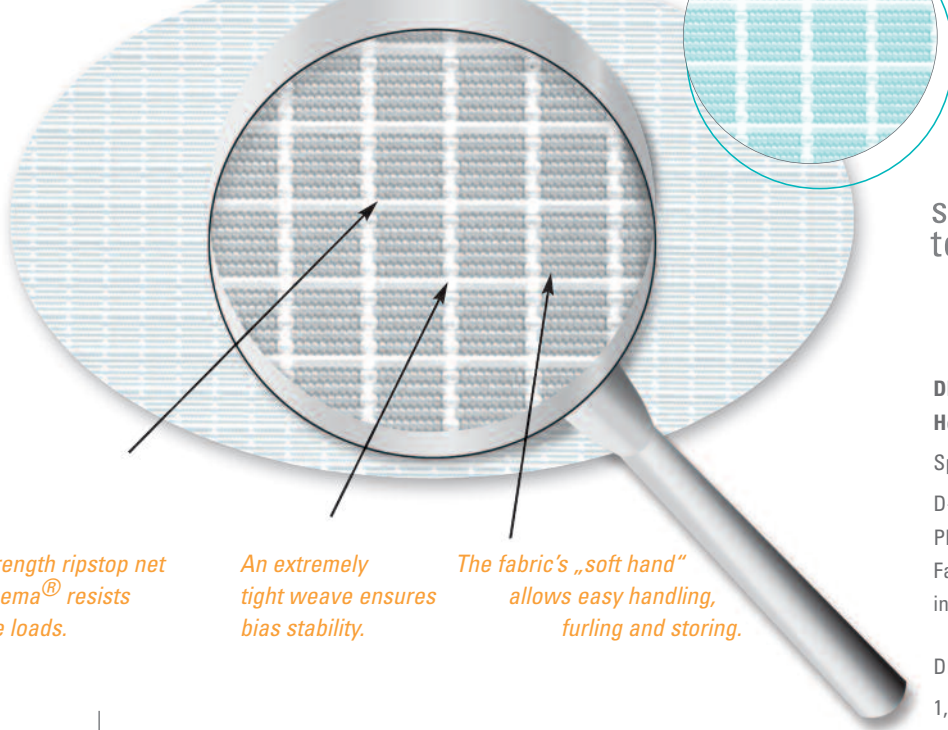
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Hydra Net[®]

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.



Hydra Net®

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

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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	

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