

# the Cloth, sails are made of



Designing the Future

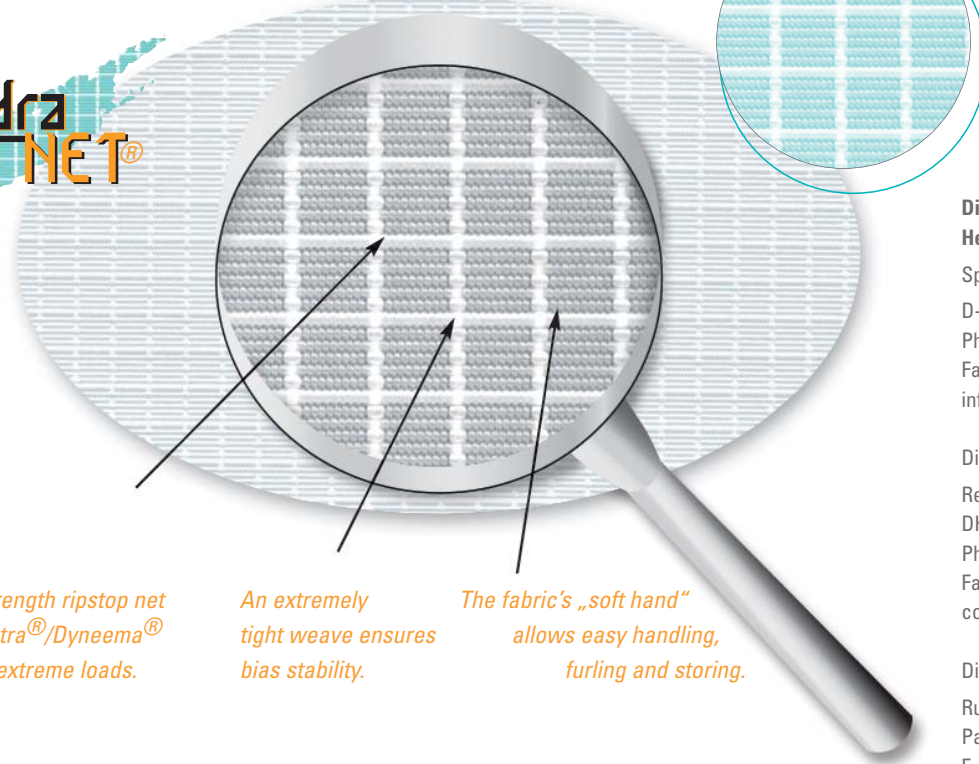
## *Hydra Net*®

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

[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®



High strength ripstop net of Spectra®/Dyneema® resists extreme loads.

An extremely tight weave ensures bias stability.

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

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 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

▶ 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 |       |

