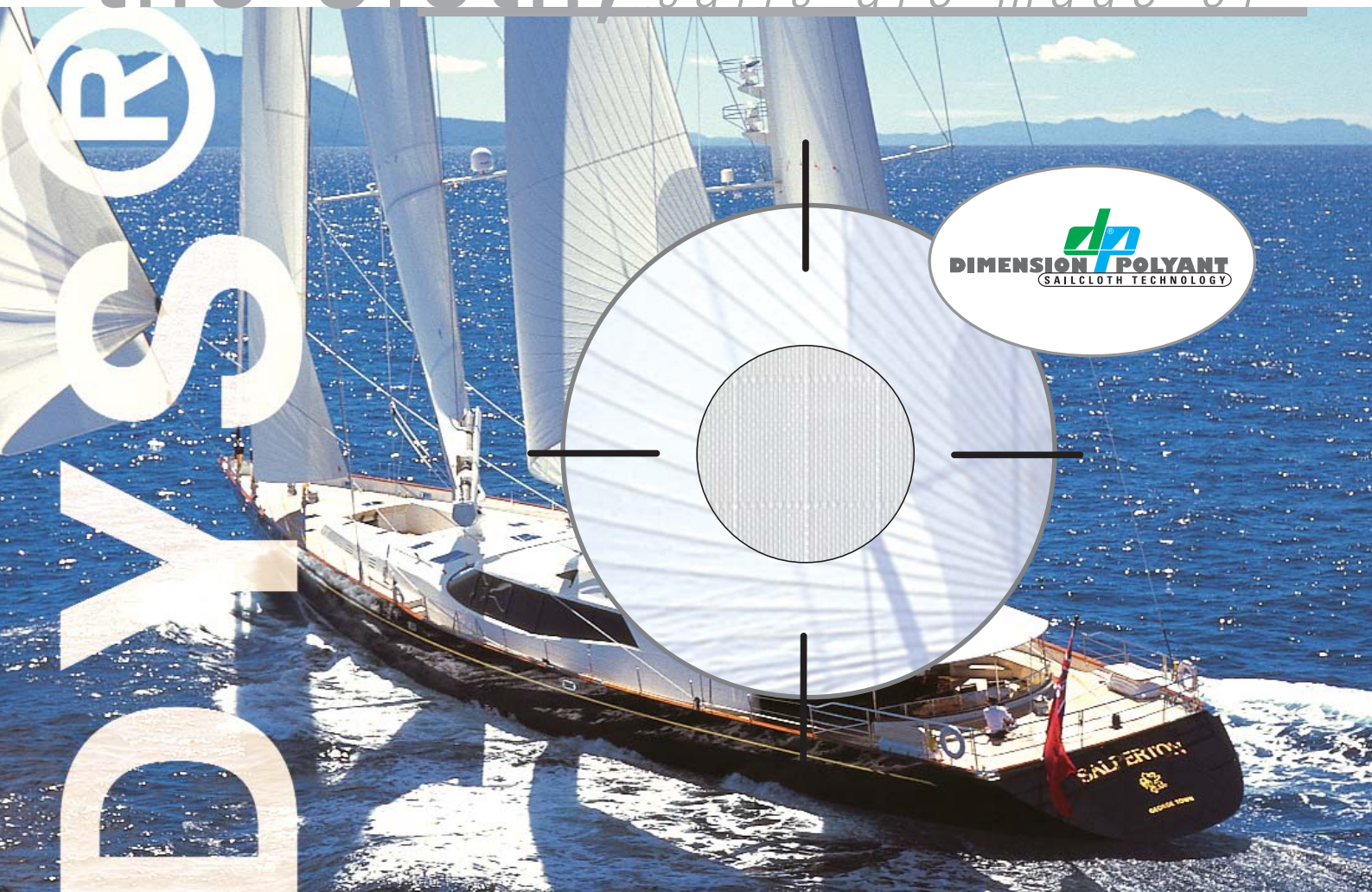


# the Cloth, *sails are made of*



Designing the Future

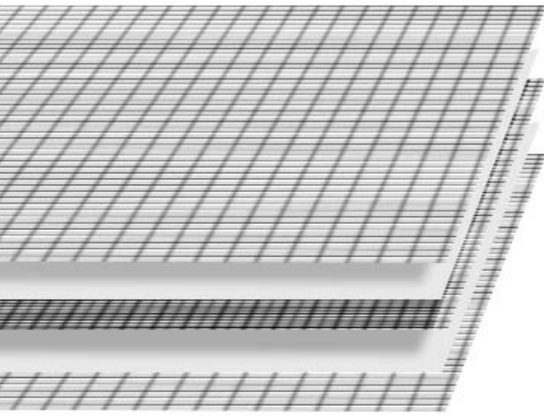
**DYS®**

With the development of the **DYS®** Offshore Technology, DIMENSION-POLYANT has designed a new range of Spectra®/Dyneema® sandwich laminates that combines easy handling and excellent durability with outstanding tear strength and UV-stability. Total control of every step in DIMENSION-POLYANT's sailcloth production facilitates **DYS®**'s unique construction: a strong, internal Spectra®/Dyneema® woven membrane base encapsulated by film which is laminated to a tightly woven ripstop taffeta. The result is a high performance sailcloth with high tear resistance, minimal stretch, high performance-to-weight and easy handling. **DYS®** provides an excellent value for performance cruising sails and „Big Boat“ projects.

[www.dimension-polyant.com](http://www.dimension-polyant.com)

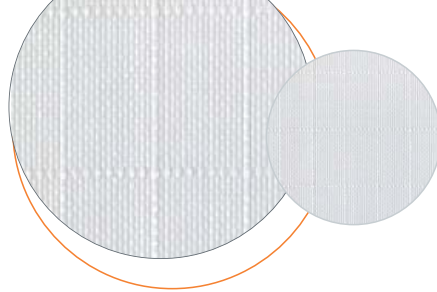


X-PLY® · DC-Line® · HydraNet® · FLEX · Wovens · D4® Membranes · HydraNet® radial · GraphX® Carbon · **DYS®** Offshore · X-Tech · HTP® plus · INSERT®



1  
2  
1

1. Ripstop taffeta protects against abrasion and minimizes mildew growth.
2. A tightly woven Spectra®/Dyneema® base for minimum stretch and high tear resistance encapsulated by two layers of UV coated film.



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**Rugged, easy-to-handle offshore fabric providing low stretch and high tear strength**

- **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

- ▶ *high tenacity fibres*
- ▶ *tight weave*
- ▶ *internal woven membrane resisting loads*
- ▶ *double sided UV coating*

Application DYS®			
Boat Length	Mainsail front / back	Genoa front / back	Jib front / back
33' - 38'	DYS07 / DYS14	DYS07 / DYS07	DYS14 / DYS14
39' - 44'	DYS14 / DYS23	DYS07 / DYS14	DYS23 / DYS23
45' - 52'	DYS23 / DYS29	DYS14 / DYS23	DYS29 / DYS29
53' - 58'	DYS29 / DYS38	DYS23 / DYS29	DYS38 / DYS38
59' - 64'	DYS38 / DYS44	DYS29 / DYS38	DYS44 / DYS44
65' - 72'	DYS44 / DYS53	DYS38 / DYS44	DYS53 / DYS53
73' - 80'	DYS53 / DYS60	DYS44 / DYS53	DYS60 / DYS60

