

Designing the Future

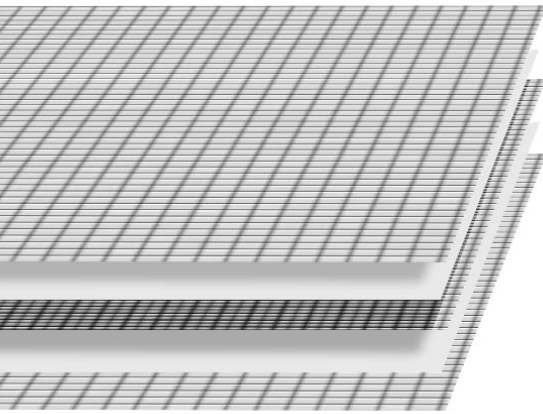
*clear ahead*



**DYS®**

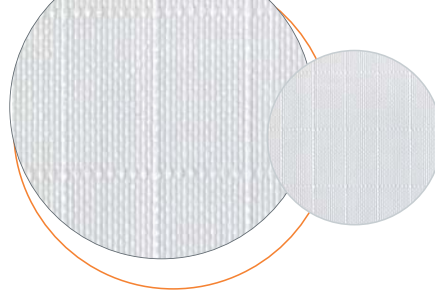
With the development of the **DYS®** Offshore Technology, DIMENSION-POLYANT has designed a new range of Dyneema® sandwich laminates that combines easy handling and excellent durability with outstanding tear strength and UV-stability. Total control of every step in DIMENSION-POLYANT's sailcloth production facilitates **DYS®**'s unique construction: a strong, internal 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.





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2  
1

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



sailcloth  
technology

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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 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

- ▶ 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	DYS07 / DYS14
39' - 44'	DYS07 / DYS14	DYS07 / DYS07	DYS07 / DYS14
45' - 52'	DYS14 / DYS23	DYS07 / DYS14	DYS14 / DYS23
53' - 58'	DYS14 / DYS23	DYS14 / DYS14	DYS14 / DYS23
59' - 64'	DYS23 / DYS29	DYS14 / DYS23	DYS23 / DYS29
65' - 72'	DYS23 / DYS29	DYS23 / DYS23	DYS23 / DYS29
73' - 80'	DYS23 / DYS38	DYS23 / DYS29	DYS23 / DYS38