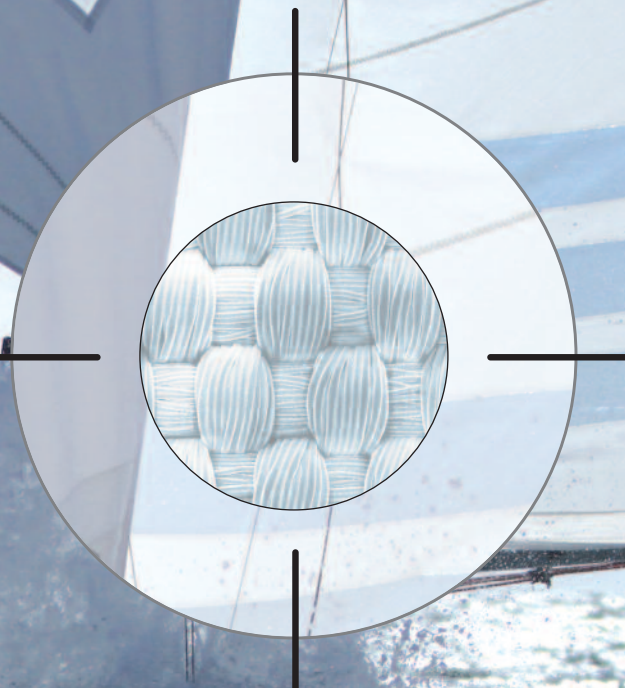


*clear ahead*

*Speed · Innovation · Performance*

HTP<sup>®</sup> plus

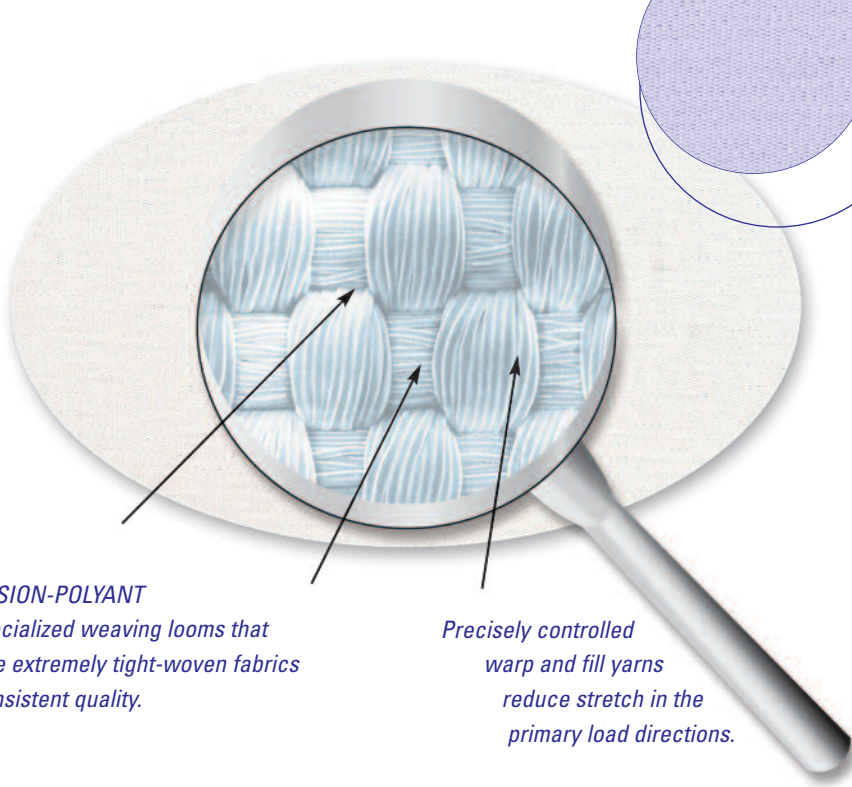


© Kadelbach/Spalteholz

*HTP<sup>®</sup> plus*

With the development of HTP<sup>®</sup> plus for One Design Classes, DIMENSION-POLYANT has further improved the already successful HTP<sup>®</sup> fabric (HTP<sup>®</sup> = high tempered). To reduce stretch, HTP<sup>®</sup> plus fabrics have combined tightly woven, precisely controlled fill and warp woven substrates with a coating of high modulus Polymer/Resin finish. Extensive laboratory and actual on-the-water testing reveal an unsurpassed stretch value at 1% and excellent diagonal stretch characteristics before and after the flutter test. In addition, HTP<sup>®</sup> plus withstands wear from moisture, abrasion and flutter better than other hard tempered sailcloth. World championship titles in One Design Classes such as Star, Dragon, H-Boat, Tornado, Snipe, 2,4 m R, Wayfarer, J-22, C Scow, DN Iceboat, 470, 420, Vaurien, Etchells and, of course, Optimist speak in favour of HTP<sup>®</sup> plus's superiority. Even though HTP<sup>®</sup> plus and polyester based laminates exhibit comparable stretch characteristics, tightly woven fabrics like HTP<sup>®</sup> plus from DIMENSION-POLYANT make high performance One Design sails much easier to trim.





**sailcloth  
technology**

**DIMENSION-POLYANT**  
has specialized weaving looms that  
produce extremely tight-woven fabrics  
at a consistent quality.

Precisely controlled  
warp and fill yarns  
reduce stretch in the  
primary load directions.

**DIMENSION-POLYANT** woven polyesters

High tec HTP® plus finish  
provides stretch resistance, strength  
and durability for One Design 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

- ▶ *unsurpassed durability*
- ▶ *consistent specifications*
- ▶ *minimized stretch*
- ▶ *perfect shape*

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**green technology  
for sailing**