

the Cloth, *sails are made of*

HTP[®] plus



DIMENSION POLYANT
SAILCLOTH TECHNOLOGY

Designing the Future

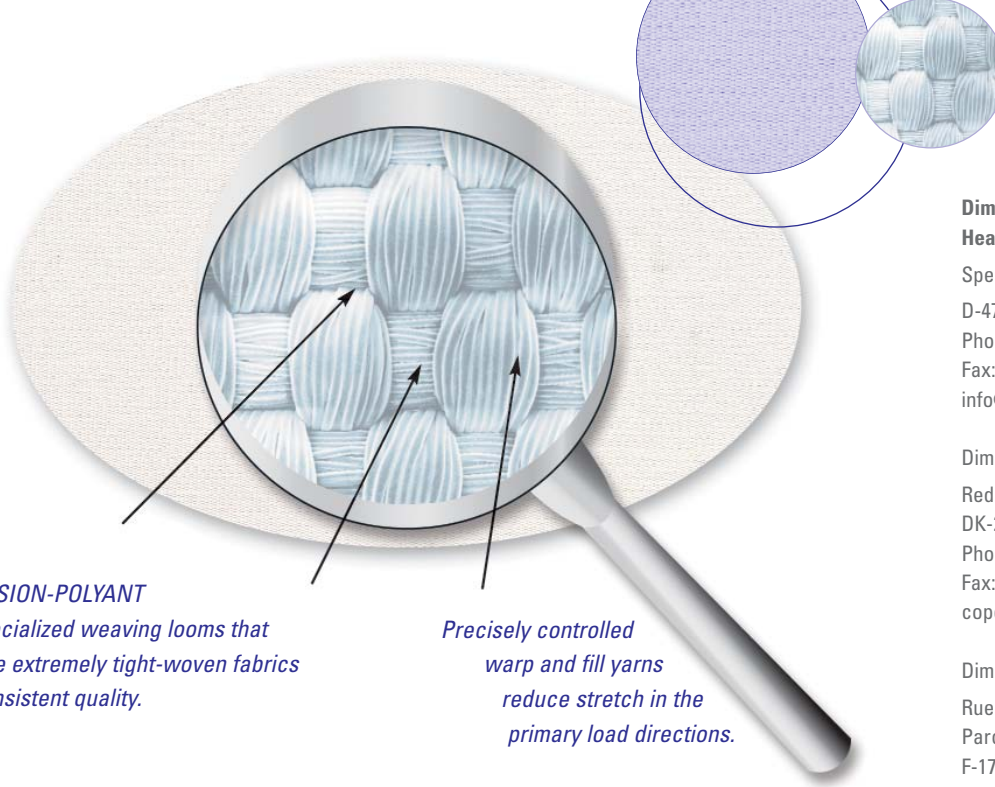
HTP[®] plus

With the development of HTP[®] plus for One Design Classes, DIMENSION-POLYANT has further improved the already successful HTP[®] fabric (HTP[®] = high tempered). To reduce stretch, HTP[®] 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[®] 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 22 and, of course, Optimist speak in favour of HTP[®] plus's superiority. Even though HTP[®] plus and polyester based laminates exhibit comparable stretch characteristics, tightly woven fabrics like HTP[®] plus from DIMENSION-POLYANT make high performance One Design sails much easier to trim.

www.dimension-polyant.com

DIMENSION POLYANT
SAILCLOTH TECHNOLOGY

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



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 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

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

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