

CL-DIAX-LSP

CL-DIAX-LSP is a premium range of Taffeta-onTaffeta laminates that utilize PEN warp fiber to reduce elongation. They are suitable for cruising applications up to 60ft and are an ideal mid range product fitting between polyester and carbon products in price and performance.

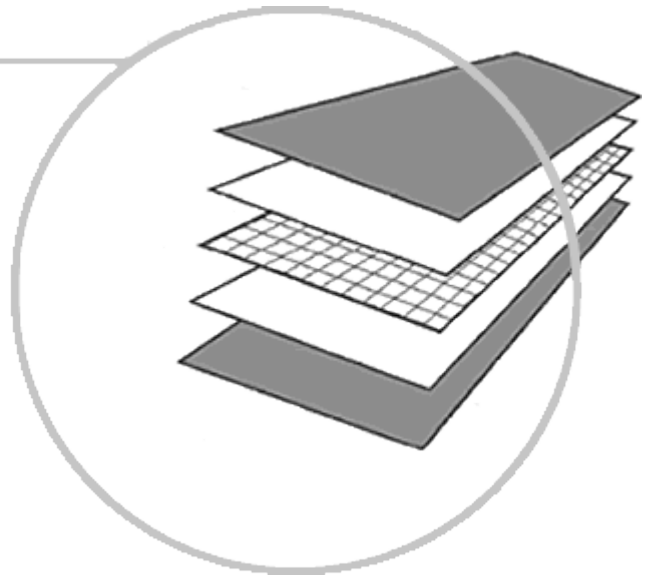
CL-DIAX-LSP products have the combined benefits of the twin film construction technique used in CL-DIAX-P products and the soft PEN scrim borrowed from the DIAX-LSP range. These scrims use PEN warps for lower elongation with polyester fill fiber for a softer hand and improved durability.

Twin Film Construction:

CL-DIAX-LSP is constructed using two layers of film instead of the usual single layer.

The benefits this offers are:

- **Moisture Resistance:** Both scrims are bonded between two layer of film reducing the moisture retention of the cloth.
- **Mildew Protection:** Reduced levels of retained moisture works together with the fungicide in the adhesive to lower the possibility of midlew problems that can occur.
- **Improved Lamination:** Both layers of taffeta are laminated to film. This is an inherently stronger bond than laminating taffeta to scrim as in regular CL-P fabrics.
- **Smooth Appearance:** Twin films reduce the pattern show trough of the scrim. The cloth also has the same appearance and feel on both sides.



Additional benefits of CL-DIAX-LSP include:

- **Bias Strenght:** The DIAX scrim increases bias strenght, particulary important for reefed furling sails where the primary loads no longer follow the warp fibers.
- **Soft Hand:** CL-DIAX-LSP have a softer hand through the use a more flexible scrim binder. This also reduces fiber breakdown, extends life and makes sails easier to use and handle.
- **Technical Support:** Performance graphs are available in electronic format via email for all production batches.

