

onyx 

SICEN



*GPL LS® onyx – Precision in black –
performance in style*

Dimension-Polyant is the leader in carbon-based laminates and the GPL range delivers outstanding durability, shape retention and sailing performance over the full range of offerings including the film/film race version which will now incorporate an opaque black look, the proven Lite Skin® range that offers unsurpassed shape retention and now with a new matte black aesthetic.

The latest innovation is rounding out the range with the black double taffeta version for larger yacht and multihull platforms looking for cruising durability with racing performance. Combining Technora® Black and carbon brings together the best of available fiber properties in conjunction with state-of-the-art lamination, the GPL offerings from Dimension-Polyant are ready to deliver across the full range of yachting needs.

The leading sailcloth manufacturer. Innovation since 1966
dimension-polyant.com



GPL Lite Skin®

is available in the following weights:

GPL05 LS®

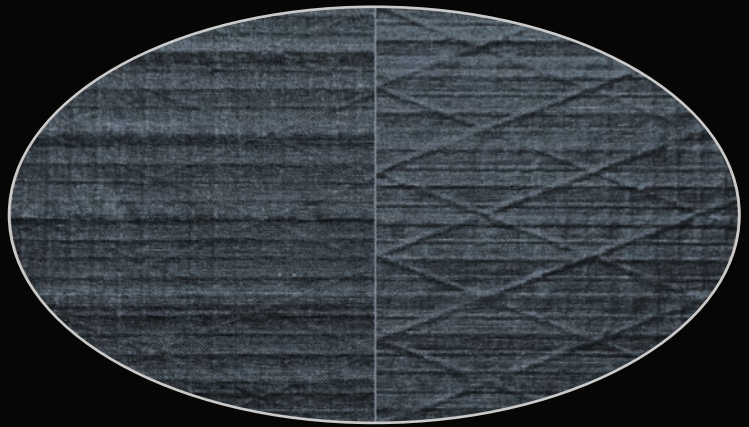
GPL10 LS®

GPL14 LS®

GPL18 LS®

GPL21 LS®

GPL28 LS®



Lite Skin®

Lite Skin® is a random array of non-woven polyester filaments laminated into a flexible composite structure designed to increase sail life by reducing film shrinkage, increasing abrasion resistance, improving UV performance and minimizing moisture absorption. Lite Skin® has an opaque appearance which virtually eliminates the traditional look of a tri-radial layout and allows for panels to be flipped for ease of production. The UVt® finish coating allows for Ultra-Bond® and Q-Bond® panel assembly if desired.

GENERAL NOTE

All suggestions are based on our worldwide experience with sailcloth applications. Please note that the recommendations are meant as guidelines. You should consider, when making your choice, if the sail will be used in a particular heavy or light wind area.

Neither Dimension-Polyant nor any of its affiliates assume any liability for special, incidental or consequential damages due to the recommendation given.

ABRASION RESISTANCE

The Lite Skin® is designed specifically for the high end sailor who is looking for better life expectancy in his sail. The Lite Skin® provides superior abrasion resistance compared to the film/film styles while protecting the inner scrim construction.

WEIGHT

The Lite Skin® is 1.3 sm-oz (56g/sqm) lighter than the double taffeta and about the same weight as the internal taffetas. The weight reduction results in more performance and a more durable race product and if used in a cruising application, the sail handling far exceeds other taffeta backed styles.

WATER ABSORPTION

Compared to standard external taffetas, water absorption is significantly less with quicker drying due to faster evaporation of moisture.

FABRIC APPEARANCE

Cosmetically, Lite Skin® offers the same appearance from side to side and the opaque finish allows for easier sail trim and virtually invisible seams, eliminating the traditional paneled sail appearance. Panels may be flipped for ease of production and a consistent look across the Dimension-Polyant fabric range.

CONSTRUCTION

The Lite Skin® fabrics allow for glued seams, resulting in less stretch under load. The unique Lite Skin® composite also creates a softer hand, minimizes creasing and prevents film shrinkage.

