

onyx



NEOS



GPL dT onyx

Carbon Performance with offshore durability

Dimension-Polyant pioneered the development of carbon-based sailcloth laminates and continues to lead the market forward. The range of GPL styles are designed to meet the needs of the yachtsmen looking for ultimate performance in competition or the quality-minded cruising sailor not wanting to compromise sail-shape for durability.

The GPL onyx portfolio embraces the all black aesthetic widely associated with carbon performance composites. Dimension-Polyant's in-house proprietary lamination process assures quality control from start to finish. Structurally enhanced by Technora® Black 90X scrim and reinforced with carbon fiber INSERT™, the GPL range sets the standard for laminate sailcloth performance in a wide range of applications for the serious yachtsman.

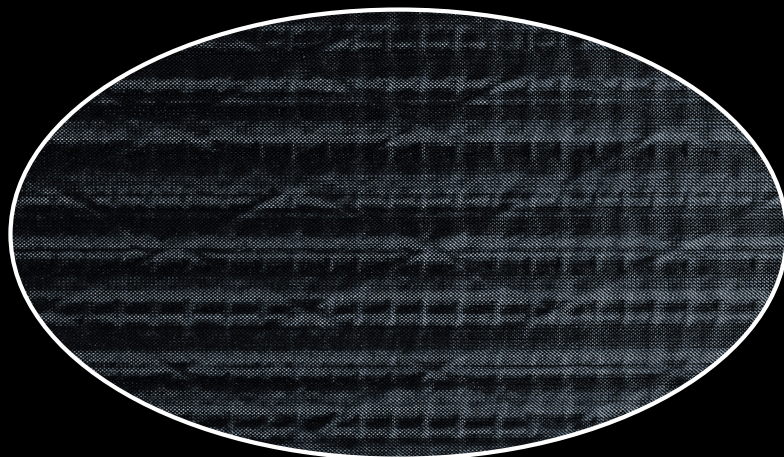
GPL dT continues the tradition of GPL performance with a focus on added durability. The integration of lightweight woven taffetas substantially increases resistance to wear and UV for the most demanding of applications.

The leading sailcloth manufacturer. Innovation since 1966
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Boat Length	Application	Style
36 - 40 ft	Mainsails	GPL 14 dT
	Light #1	
	#2	
	#3	GPL 14 dT
41 - 45 ft	Mainsails	GPL 14 dT / GPL 18 dT
	Light #1	
	#2	GPL 14 dT / GPL 18 dT
	#3	GPL 18 dT
46 - 50 ft	Mainsails	GPL 21 dT
	Light #1	
	#2	GPL 14 dT
	#3	GPL 18 dT
51 - 55 ft	Mainsails	GPL 21 dT / GPL 28 dT
	Light #1	GPL 14 dT
	#2	GPL 18 dT
	#3	GPL 21 dT



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.

STRUCTURAL SCRIM BACKBONE

Dimension-Polyant GPL styles are based upon the structural foundation provided by Technora® Black 90X scrim and supported with carbon fiber INSERTS™. The result is a material that optimizes low stretch and stability for sails that hold their shape over a long working life in a wide variety of applications. With 90X scrims aligned on the 0 and 90 axis, GPL surpasses insert only laminates in its ability to withstand shape deformation and fabric failure over extended periods of use.

FABRIC APPEAL

GPL dT black taffetas are solution dyed so they won't fade or discolor. They are easy on the eyes for trimming and impart a technical profile in keeping with the carbon fiber they cover. It's the perfect look for the owner with a multihull or fast cruising monohull who wants to do the occasional race or just get to where they want to go in style. With a range that includes the 14,18, 21, and 28 weights proven by the GPL platform, GPL dT is an ideal cloth for boats ranging from 35'- 55'.

DOUBLE TAFFETA DURABILITY

The durability of the GPL range laminate is enhanced in multiple ways by combining the GPL 90X structural scrim and carbon fiber INSERTS™ between two light weight taffetas to produce the GPL dT product line. The black taffetas substantially increase abrasion resistance, serving to protect the underlying laminate structure from wear and tear. They also help to block damaging UV rays from reaching the fibers encapsulated between the taffetas. Additionally, the taffetas increase flex/fold resistance when compared to non-taffeta or unskinned laminates. These features all add up to the perfect combination of performance and durability for the high-end cruising sailor.

