

CL-P

CRUISE LAMINATES

CL-P

The CL-P range of Taffeta-on-Taffeta Polyester laminates is suitable for cruising applications up to 45ft. The range utilises a strong Polyester scrim to resist stretch and light but tough Polyester woven taffetas to provide tear strength and impact resistance.

- Zero Crimp Warp Scrim: The 0-90 load bearing scrim utilises high quality Polyester fibre. Warp efficiency is further improved by a manufacturing technique that virtually eliminates warp crimp.
- Durability: Bainbridge CL-P's are famous for their durability. By encapsulating the film and scrim in tough Polyester taffetas, they are protected from chafe, cracking and UV.
- Mildew Resistance: All CL products utilise a mildew inhibiting fungicide in the adhesive. This reduces the mildew problems that can be associated with this type of fabric.
- Soft Hand: The components used have been specifically selected to produce a fabric with a soft hand. Making the cloth softer reduces fibre 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.

Specifications - CL-P: Taffeta-on-Taffeta

Style	Total DPI: Warp x Fill	Weight:		Film: mil
		gsm	smoz	
CL-50P	6000 Polyester x 2500 Polyester	253	5.9	1.0
CL-65P	6000 Polyester x 2500 Polyester	299	7.0	1.5
CL-75P	12000 Polyester x 2000 Polyester	334	7.8	2.0
CL-90P	18000 Polyester x 2000 Polyester	402	9.4	2.0
CL-110P	24000 Polyester x 2000 Polyester	436	10.2	2.0



Applications - CL-P: Taffeta-on-Taffeta

Boat Length	Main	Furling Genoa	AP #1	#2	#3
20-25	50	50	50	50	50
25-30	65	65	65	65	65
30-35	75	65	65	65	75
35-40	90	75	75	75	90
40-45	110	90	75	90	110

CL-DIAX-LSP

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CL-DIAX-LSP is a premium range of Taffeta-on-Taffeta laminates that utilises PEN warp fibre 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. All styles are also available from stock with an alloy UV resistance.

- **Moisture Resistance:** Both scrims are sealed between two layers of film, reducing the moisture retention of the cloth.
- **Mildew Protection:** Lower moisture absorption of the scrim works together with the fungicide in the adhesive to further reduce the mildew 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 through the scrim. The cloth also has the same appearance and feel on both sides.
- **Bias Strength:** The DIAX scrim increases bias strength, particularly important for reefed furling sails where the primary loads no longer follow the warp fibres.

Specifications - CL-DIAX-LSP: PEN Taffeta-on-Taffeta

Style	Total DPI: Warp x Fill	Weight:		Film: mil
		gsm	smoz	
CL-DIAX60LSP	6000 Pen x 2500 Polyester	334	7.8	1.5
CL-DIAX90LSP	9000 Pen x 2500 Polyester	385	9.0	1.5
CL-DIAX130LSP	12960 Pen x 2500 Polyester	420	9.8	1.5
CL-DIAX180LSP	18000 Pen x 2500 Polyester	437	10.2	1.5
CL-DIAX240LSP	24000 Pen x 2500 Polyester	458	10.7	1.5



Applications - CL-DIAX-LSP: PEN Taffeta-on-Taffeta

Boat Length	Main	Furling Genoa	AP #1	#2	#3
25-30	60	60	60	60	60
30-35	60	60	60	60	90
35-40	90	90	90	90	130
40-45	90	130	90	130	130
45-50	130	130	130	130	180
50-55	180	180	130	180	240
55-60	240	240	180	240	-