



## ZZ ULTRA PE CRUISING LAMINATES

For comfort, extra performance and durability

Our ZZ Ultra PE fabrics take advantage of the singular properties of fibers in the Ultra High Molecular Weight PolyEthylene – UHMWPE- family. Dyneema is an example of UHMWPE fibers which are known for their exceptional strength and low stretch as well as being immune to UV and flex degradation.

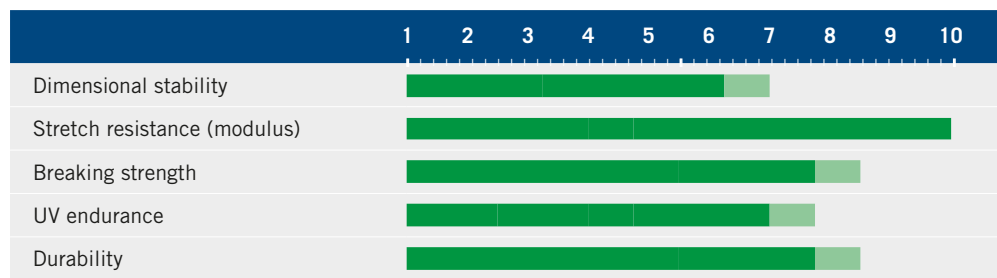
We combine our high grade Ultra PE in a weave with high tenacity polyester that creates a woven taffeta with excellent chafe resistance and bond strength to the film. The ZZ Cross-Ply fill of UHMWPE is supported by an Ultra PE ripstop fill yarn for off the charts tear resistance as well as fill and bias stability. The result is a range of fabrics that will make long lasting sails that hold their shape for years of service to the quality minded cruiser.

The three lightest weights of the ZZ Ultra PE consist of a woven Ultra PE taffeta on one side of a film and a tightly woven high tenacity polyester taffeta on the other. The three heavier weights, 495, 575, and 645, are generated from combination of the lighter weight Ultra PE weaves on either side of the film.

*Go the extra mile!*

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### COMPARATIVE FEATURES



### WEIGHT RANGE ZZ ULTRA DYNEEMA CRUISING LAMINATES

STYLE	WEIGHT OZ.	FILM	TAFETTA 1	DPI ULTRA PE		TAFETTA 2
				WARP	+60°/-60° ZIGZAG	
ZZ Ultra 245	5.8	1.5 mil	Ultra PE	8000	1000	Poly
ZZ Ultra 345	8.2	1.5 mil	Ultra PE	15500	1000	Poly
ZZ Ultra 445	10.4	2.0 mil	Ultra PE	23000	1000	Poly
ZZ Ultra 495	11.5	2.0 mil	Ultra PE	31000	2000	Ultra PE
ZZ Ultra 575	13.5	2.0 mil	Ultra PE	38500	2000	Ultra PE
ZZ Ultra 645	15.3	2.0 mil	Ultra PE	46000	2000	Ultra PE

### APPLICATIONS ZZ ULTRA DYNEEMA CRUISING LAMINATES

BOAT LENGTH FT.	MAINSAIL	NO. 3	NO. 2	NO. 1
35 - 39	ZZU245	ZZU345	ZZU245	ZZU245
40 - 45	ZZU 345	ZZU 345	ZZU 345	ZZU 245
46 - 50	ZZU 445	ZZU 445	ZZU 345	ZZU 345
51 - 55	ZZU 445	ZZU 445	ZZU 345	ZZU 345
56 - 60	ZZU 495	ZZU 495	ZZU 445	ZZU 345
61 - 70	ZZU 495	ZZU575	ZZU495	ZZU445
71 - 80	ZZU 575	ZZU 575	ZZU 495	ZZU 445
81 - 90	ZZU 645	ZZU 645	ZZU575	ZZU495
91 - 100	ZZU645	ZZU 645	ZZU575	ZZU575



ZZ ULTRA

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