



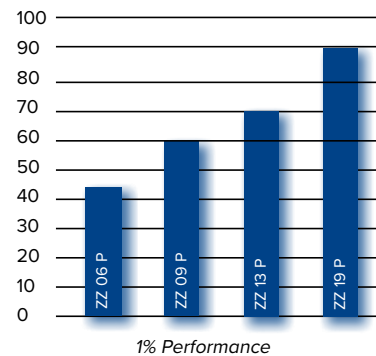
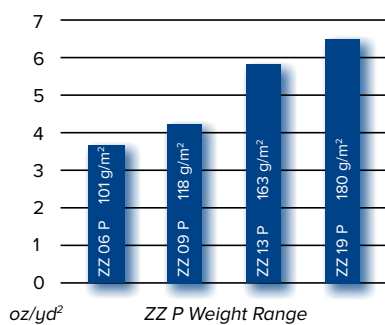
ZZ POLYESTER LAMINATES

ZigZag reinforced Polyester laminate for the racing sailor

Following on the success of the ZZ Black aramid laminates, the ZZ Polyester (ZZP) styles incorporate the same formed scrim and insertion technology to create a range of fabrics based on high tenacity polyester fibers. Polyester has excellent resistance to flex and its UV durability is further enhanced by a carbon black coating on the formed scrim. Designed for radial applications, the ZZP styles step up in incremental warp fiber content from 6,000 to 19,500 denier per inch while the ZZP 13 and 19 also see an increase in fill strength as well. Primary threadline strength is supplemented with a ZigZag of 1,000 denier black polyester fibers at 22° on either side of the warp for improved cloth stability and tear strength.

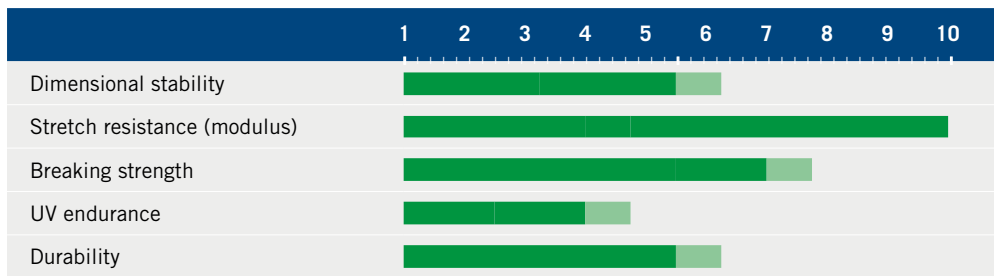
ZZ Polyester laminates are a durable and economical option for many small boats and one design classes that restrict the use of higher modulus fibers. At the same time they present a technical appearance in keeping with the carbon and black aramid fabrics on larger race boats.

ZZP is available in 60" width [152 cms] for better nesting options and improved cloth utilization.



Go the extra mile!

COMPARATIVE FEATURES



WEIGHT RANGE PERFORMANCE ZZP

STYLE	FILM MIL	WEIGHT OZ.	FIBERCONTENT DPI		
			0°	90°	+22°/-22° ZIGZAG
ZZP 06	1.5	3.7	6000	2500	1000
ZZP 09	1.5	4.2	9000	2500	1000
ZZP 13	2.0	5.5	13000	3750	1000
ZZP 19	2.0	6.5	19000	3750	1000

APPLICATIONS ZZP

BOAT LENGTH FT.	MAINSAIL	NO. 3	NO. 2	NO. 1
20-25	ZZP13	ZZP13	ZZP09/06	ZZP06
26-30	ZZP19/13	ZZP19	ZZP13/09	ZZP09/06
31-35	ZZP19	ZZP19	ZZP19/13	ZZP13/09
36-40	ZZP19	-	ZZP19	ZZP19/13



ZZP 06



ZZP 09



ZZP 13



ZZP 19

Go the extra mile!