

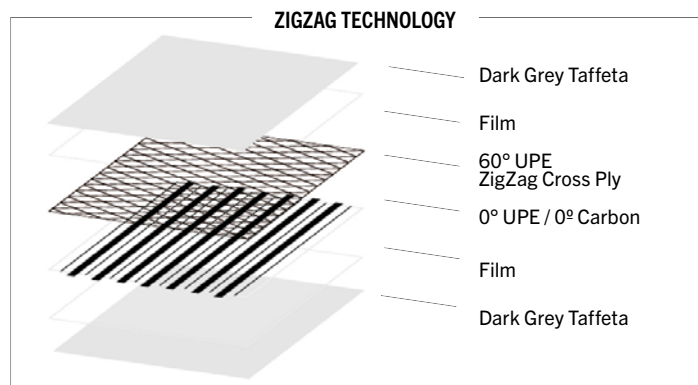


ZZ-CE CARBON ENDURO LAMINATES

Carbon-UPE constructions with taffeta skins

➔ *Designed for radial cut sails from 25 to 50 feet*

The ZZ Carbon Enduro line is engineered for competitors seeking enhanced durability in offshore and performance applications. These laminates utilize Contender's lightweight ZZ-C carbon UPE construction and add reinforcement with TFT (thin fiber taffeta) skins on both sides. The woven construction of the TFT skins offers superior durability over non woven options and serves to minimize fraying and wear caused by abrasion. The TFT skins make ZZ-CE a reliable choice for challenging offshore conditions. As with the ZZ-C style, the multi-pass lamination used in ZZ-CE production process is a key feature in the durability and shape retention of this cloth. This technique not only ensures a robust bond but also prevents fraying, addressing a common issue in carbon fiber constructions. The ZZ-CE Carbon Enduro laminates, with their blend of lightweight construction and durability, are particularly suitable for offshore applications where reliability is of utmost importance for competitors.



APPLICATIONS ZZ CARBON ENDURO TFT LAMINATES

BOAT LENGTH		MAINSAIL			HEADSAIL	
IN FT	IN M	MULTIHULL	MONOHULL	100%	135%	150%
± 25	± 8	ZZ-CE 10	ZZ-CE 10	ZZ-CE 10		
± 30	± 9	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 10	ZZ-CE 10	ZZ-CE 10	
± 35	± 10	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10	ZZ-CE 10
± 40	± 12	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14	ZZ-CE 14 - ZZ-CE 10
± 45	± 14	ZZ-CE 21	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 21	ZZ-CE 21 - ZZ-CE 18	ZZ-CE 18 - ZZ-CE 14
± 50	± 15					ZZ-CE 21 - ZZ-CE 18