

Use of pre-preg carbon

Only the highest grade pre-preg tows of T700 or TZ carbon fibre are used to give sailors the best stiffness-to-weight spar. This, in combination with our filament winding process, enables the highest fibre-to-resin content pre-preg to be used.





The aerospace grade pre-preg has a UV stabiliser in the resin system to give the spars a guaranteed long life, even in the sunniest of climates. More fibres and less resin, mean lighter, stiffer masts.

Autoclave cured

The consolidation of the material to form a ready-to-assemble carbon tube is completed in our in-house 20-metre long autoclave. The combination of heat and pressure to cure the resin and consolidate the pre-preg material ensures a strong and consistent final product.



Carbon

	Mast section		Section weight kg/m	Dimension fore/aft mm	Dimension athwart mm	EIY GNmm ²	EIX GNmm ²	Suitable for
	Series II	CC054	0.511-1.008	54	54	6-19	6-14	Contender, Merlin Rocket, National 12, Phantom
	Orbis	CC059	0.42-0.64	60	60	8-23	8-23	OK, RS800
	Series III	CC064	0.43-0.65	66	52	10-16	7-13	59er, Contender, FD, Int. Canoe, International 14, Merlin Rocket, Musto Skiff, Phantom
	Series IV	CC077	0.83	81	63	28-31	18-23	Artemis 20, Backman 18, 18ft Skiff, Skud