

Dart Sails & Covers

Racing Jib

Low friction Teflon coated luff tape or brass piston hanks



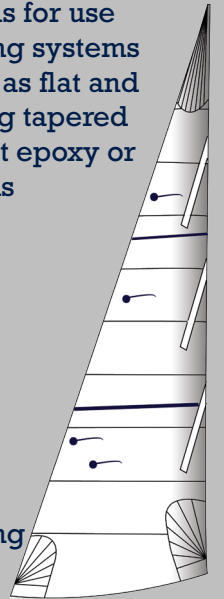
Option of vertical battens for use with roller reefing or furling systems to keep the exit of the sail as flat and efficient as possible, using tapered non-shattering & anti-twist epoxy or fibreglass battens



Option of horizontal battens to maximise leech support and keep the exit of the sail as flat and efficient as possible, using tapered non-shattering & anti-twist epoxy or fibreglass battens



Option of crosscut depending fabric choice



For boats with roller reefing units Option of lightweight UV protective strips on leech & foot or Genoa cover which eliminates the drag and weight of UV strips



Leech line with alloy cleat at clew



Option of multi-attachment point clew board for self tacking headsails



Anti-chafe 3 step stitched seams or we offer an upgrade of a fully bonded seams option for the ultimate low stretch sail

Laminate Sails with a Radial panel construction offer superior shape retention compared to any woven product. The panels are aligned radiating from the corners in the anticipated load angles, with careful fabric selection, sail distortion can be minimised. Our sails are computer designed and cut. Racing sails are available in a film / film laminate option for minimum weight and highest performance in a range of fibres including 'Grand Prix' Carbon. A single taffeta fabric or Dimension-Polyants 'Lite Skin' composite which is a random array of non woven filaments is available for compromise sails where durability is required as well as racing performance. Radial sails allow lighter fabric to be used in the low load areas like the luff and heavier fabrics to be used at the high load areas like the clew and head. We may use up to 4 different fabric weights in one sail. This ensures the

lightest and best performance for a given style of fabric. Cross cut laminates do not offer the long term shape retention that a radial panelled sail delivers, whilst the new style of 'membrane' sails offer excellent performance but their long term shape durability is poor. To keep the cost of sails as low as possible most sails have the seams sewn. Light weight fabrics are sewn with reinforced seams. Stitch holes do however elongate under load especially in light weight laminates and the seams can creep. The 'Ultra Bond' Glue system bond the seams together with out the need to sew thus eliminating creep. It's very labour intensive so we often sew the lower loaded seams and 'bond' the higher loaded seams to keep the cost of the sail to a minimum but we can offer an upgrade of a fully bonded seams option for the ultimate low stretch sail