

# Dart Sails & Covers

## Racing Genoa

Low friction Teflon coated luff tape or brass piston hanks

Anti-chafe 3-step stitched seams or ultra bond glued

Option of Genoa Cover for furling sails

Option of lightweight UV protective strips on leech & foot and marks on the foot for easy reference when reefing

Full length zipped bags

Leech line with alloy cleat at clew

Wichard tack hook for easy attachment

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 and distortion can be minimised. Our laminate sails are computer designed and cut. Laminates are available for Cruising boats with highly durable double sided woven taffetas in Polyester, lower stretch Pentex and Ultra low stretch Carbon; Racing sails are available in a film / film option for minimum weight and highest performance in Polyester, Pentex, Kevlar and 'Grand Prix' Carbon. Single taffeta fabric 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 durability is poor. Cruising and club racing sails seams are traditionally sewn while 'Grand Prix' Carbon materials are 'Ultra Bond Glued' for zero seam creep.