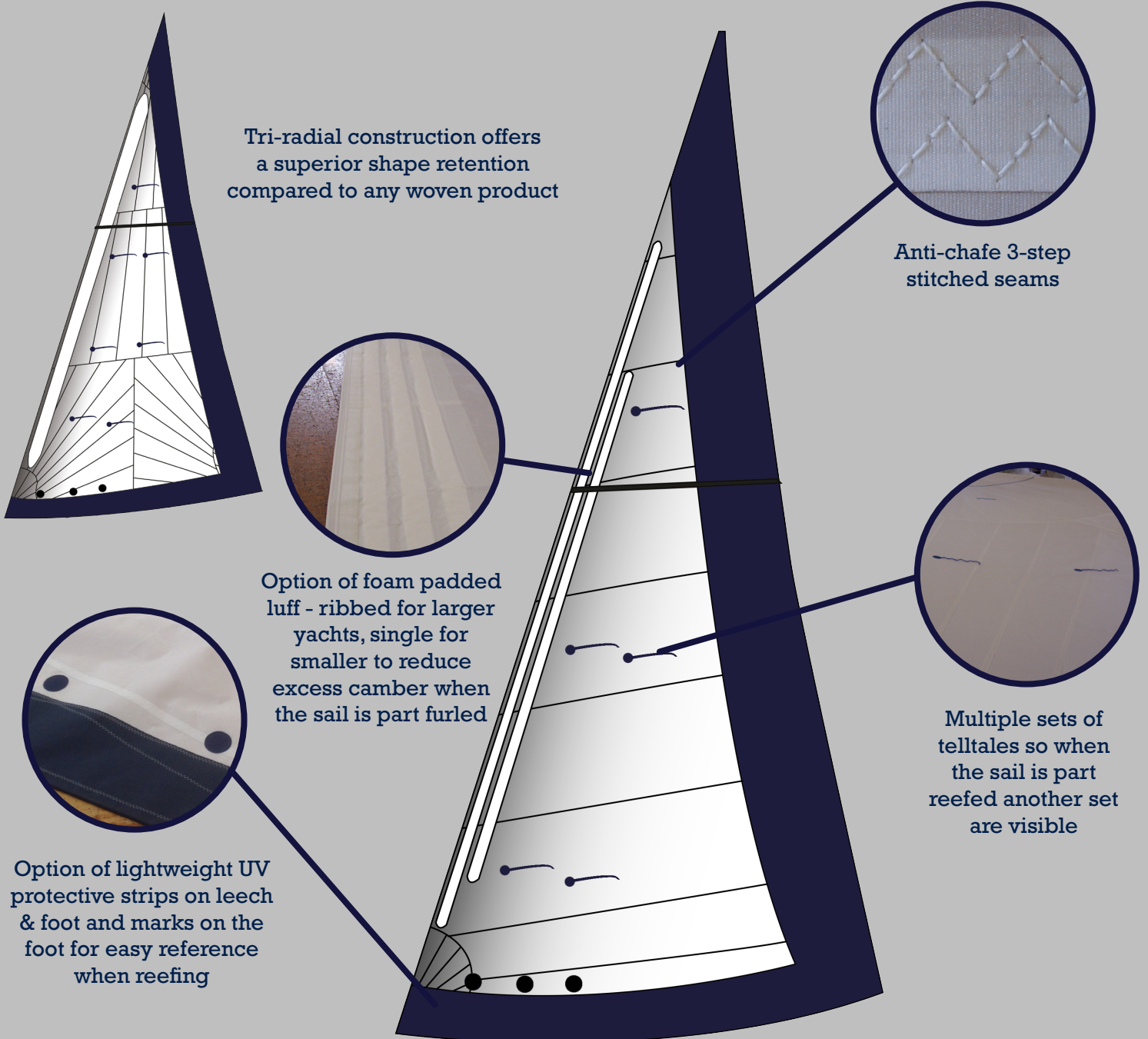


# Dart Sails & Covers

## Roller Headsail



Tri-radial construction offers a superior shape retention compared to any woven product

Anti-chafe 3-step stitched seams

Option of foam padded luff - ribbed for larger yachts, single for smaller to reduce excess camber when the sail is part furled

Multiple sets of telltales so when the sail is part reefed another set are visible

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

Dart Sails headsails are available in a wide range of materials to cater for every application and budget. Still the most common and suitable option for the majority of cruising boats. A cross cut sail is simple, durable and economic yet with the correctly specified material with the correct weave construction a cross cut sail often offers a high quality sail. Overlapping Genoa's are usually low or medium aspect as a result we recommend a fairly balanced yet tightly woven Dacron. Jibs and Staysails are usually higher aspect and a weave with straighter fill yarns like an All Purpose material are often better suited. Selecting the correct material and construction ensures that the sail will be long lasting in both durability and shape retention. If the sail is to be used in conjunction with a roller reefing system a foam padded luff will help

to reduce excess camber when the sail is reefed. UV protective sacrificial strips can be fitted to the leech and foot and the sail can have multiple rows of tell tales and useful marks on the foot for reference while reefing. Laminate Sails or a warp orientated woven fabric 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 weight sail distortion can be minimised. Warp Orientated Dacron or Laminates are available for Cruising boats with highly durable double sided woven taffetas in Polyester, lower stretch Pentex and Ultra low stretch Carbon or Spectra/Dyneema. 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.