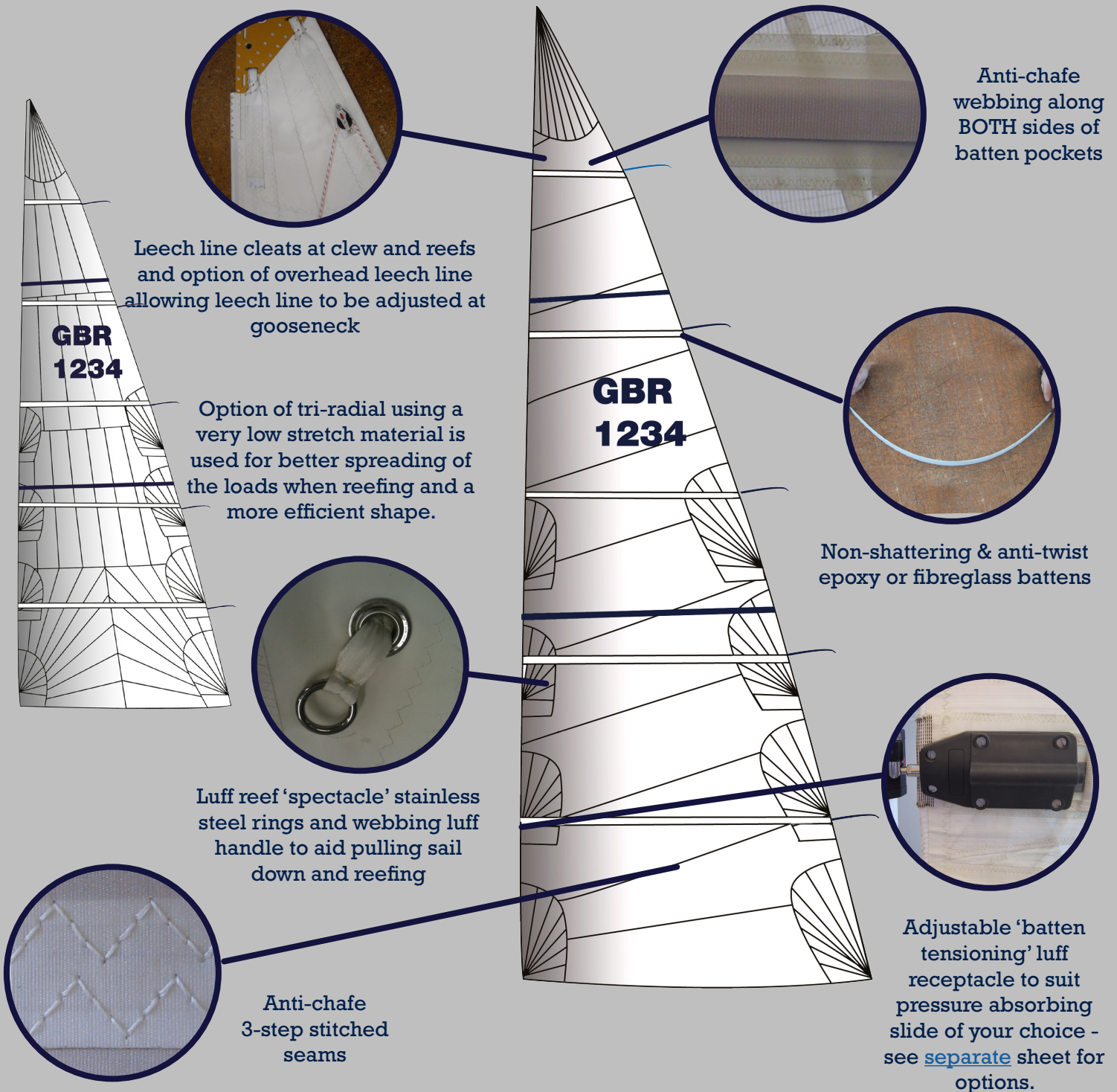


# Dart Sails & Covers

## Fully Battened Mainsail



Fully battened mainsails are easy to use. They improve sail shape in light airs as the battens pre-shape the sail. The support does reduce sail flogging in strong winds and thus increases life span. The full length battens significantly improve ease of handling when lowering the sail as the luff and leech are pushed apart. The sail tends to hinge around the battens when folding and the sail almost self folds itself. Because the battens push the slides against the mast the slides need to work in compression as well as tension. To

keep friction down we can use expensive ball bearing slides, intermediate roller slides or in-expensive plain bearing slides (but these are higher friction).

Our fully battened mainsails have batten pockets fitted with webbing to protect the pockets against chafe. The leech ends of the pockets are sealed with no external hardware to catch on lazy jacks, reef lines, topping lift etc. The batten is tensioned at the luff end via the adjustable luff fitting.