MXL Membrane sails are available in three different lines which enable each sailmaker to propose the most suitable membrane sail to their customers.

**MXL Wide Panel**

ADVANCED LOADPATH SAILS

The state of the art in membrane sail, Wide panel range is available for a wide variety of boats. 3 styles are available with a lot of variety of fibers from Polyester to Carbon, customers consider this as the “High end” of the custom membrane sails, MXL Wide Panel are available both for cruising or racing.

**MXL Multi Panel**

ADVANCED LOADPATH SAILS

The MXL Multi panel range is available for sails up to 45m², 3 styles are available with a lot of variety of fibers from Polyester to Carbon. With 8 stringing machines dedicated to this production CSF is able to answer to all kinds of orders like OEM project, this range of membrane is laminated with an industrial laminator for a perfect result, MXL Multi Panel are available both for cruising or racing.

**MXL Club Race LP**

ADVANCED LOADPATH SAILS

A Kevlar load Path Membrane sail for less than a tri-radial laminate.

MXL Club Race Load Path sails available in film/film with 1600 Kevlar strung yachts. 1200 denier Kevlar warp yarns are inserted during lamination with strung Kevlar weft (fill) yarns in head and foot. Only available as a finished sail.

MXL Club-Race LP sails are available from 8m² up to a maximum of 45m². Delivery will be three weeks.
MXL Wide Panel and Multi Panel Membrane Sails are available in four different surface styles for sails from Olympic Finn’s to Super maxis.

**MXL - GP: film/film style**

Film to film sails:
Top of the line race sails in a film/ film configuration. MXL GP Race is available for modern skiffs right up to the maxis racer. Flexible choice of hi-tech fibres and scrims to get your own look. Film thickness varies between 1 and 3 mil in film thickness depending on sail size.

**MXL - 1T: single taffetas style**

Film surface on one side and Taffeta on the other:
The single taffeta is the ideal choice for the cruiser racer. The Taffeta adds durability and longevity whilst still with a great hi tech look. The standard 75 gram taffeta can be upgraded to a Gossamer light 40 gram.

**MXL - 2T: double taffeta style**

Taffeta on both sides of the sail:
MXL double taffeta is the ultimate cruising product for the knowledgeable cruiser. The sail is protected by a rugged taffeta exterior in white or light grey with other colours available on request.

**MXL - TC: taffeta core**

A film/film load path membrane sail available in Multi Panel or Wide Panel construction with a 40gm taffeta sandwiched between the external film and fibre layers giving a softer hand and increased durability over typical film/film only sails. Available with a grey or white taffeta. Grey taffeta is suggested for black (Carbon and Technora) fibre, or black / Kevlar mix fibre sails, and white taffeta for Polyester / Pentex or Vectran fibre sails.

**Large Variety of Fibres Available**

- Polyester
- Pentex
- Aramid (Gold)
- Technora (Black)
- Vectran
- Technora / Aramid
- Technora / Vectran
- Carbon / Aramid
- Carbon / Technora
- Carbon / Vectran
- Carbon

ADVANCED LOAD PATH SAILS
Head Sails

Standard Features of MXL Headsails:

- Strung laminated corner patches
- Stainless O Ring or Spectra webbing at corners
- Drawstring carry bag
- Spectra webbing reinforcements
- Vectran leech lines
- Draft Stripes and tell tails
- Tell Tail window
- Luff tape or brass hanks
- Supplied loose spreader patches
- Jibs
- Top Full Batten
Main Sails

Standard Features of MXL Mainsails:

- Top Full Batten - Balance short
- Tapered Vinyl ester battens
- Cunningham
- Strung laminated corner patches
- Alloy headboard
- Rutgerson Super rings in reefs (carbon SR rings with carbon sails)
- Drawstring carry bag
- Spectra webbing reinforcements
- Vectran leech lines
- Draft Stripes and tell tails
- Supplied loose spreader patches
- Bolt rope or standard slides