

Sail	Luff	Leach	Foot	Wgt.	Area
Mainsail	32' 11"	34' 8"	12' 5"	7.2oz	270sq.ft.
Jib	33' 9"	30' 2"	11' 7"	7.2oz	176sq.ft.
Genoa	33' 9"	30' 8"	16' 1"	4.4oz	247sq.ft.
Spinnaker	36'	36'	23'	.75ozN	825sq.ft.
Storm Jib	17'	12' 11"	9' 11"	8oz	59sq.ft.
R. Furling Jib	31' 9"	29' 4"	11' 2"	7.2oz	163sq.ft.
R. Furling Genoa	31' 9"	29' 11"	15' 8"	4.4oz	231sq.ft.
Storm Spinnaker	32'	32'	19'	1.5ozN	550sq.ft.

NOTES:

Mylar may be used for all sails.
 Sailcloth wgt. may be varied to suit wind in area sailed.
 All sails are to be fitted with telltales
 Tack and Clew cutaways to be as shown
 Mainsail has 2 sets of reefpoints positioned as shown
 Max. Mainsail roach is 2' 10" located 60% up leach.
 Mainsail to have Cunningham eye fitted
 Mainsail wear patches to be fitted as shown
 Class emblem to located and sized as shown.
 Mainsail battens to be angled as shown for easy roller furling
 Jib to have four leach battens placed at equal distance on leach. Four Leach battens on Genoa are optional
 Foresail hanks to be bronze and for 1/4" wire
 Roller furling sails to have #6 Luff tape for Harken Unit 1 Series B Roller Furler.

RECOMMENDED

MAINSAIL CAMBER:

Top Third 10% at 44% aft
 Middle 12% at 48% aft
 Bottom Third 6% at 46% aft

Mast pre-bend is 3"
 Maximum headstay tension is 2700lbs, luff sag is 4-5"

CLEW POSITION

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13'

5' 10"

4' 8"

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Sail	Luff	Leach	Foot	Material	Area
Mainsail	33' 4"	35' 1"	12' 10"	Mylar	317sq.ft.
Jib	33' 9"	30' 2"	11' 7"	Mylar	185sq.ft.
Genoa	33' 9"	30' 8"	16' 1"	Mylar	272sq.ft.
Asy. Spinn.	39' 8"	36'	26' 11"	Nylon	772sq.ft.
Screacher	34' 10'	31' 9"	21'	Mylar	343sq.ft.
Storm Jib	17'	12' 11"	9' 11"	Mylar	59sq.ft.
R. Furling Genoa	31' 9"	29' 11"	15' 8"	Mylar	231sq.ft.

RECOMMENDED MAINSAIL CAMBER:

Top Third 10% at 44% aft
 Middle 12% at 48% aft
 Bottom Third 6% at 46% aft

Recommended mast pre-bend is 3"
 Maximum headstay tension is 2700lbs.
 Luff sag is 4-5"

HEAD DETAIL

50mm
 2°
 Cutout for halyard clearance
 9mm Rope

BATTEN END DETAIL

3/8" min. gap for feeder clearance
 Batten pocket
 Plastic Batten end plate, bolted or riveted through sail

MAIN LUFF TAPE: to be 8oz Teflon tape or similar over 9mm solid braided rope

MAIN FOOT TAPE: to be 8oz tape over 9mm solid braided rope.

NOTES:

All sails are to be fitted with telltales
 Tack and Clew cutaways to be as shown
 Mainsail has 2 sets of reefpoints, to be positioned as shown
 Mainsail to have Cunningham eye fitted
 Mainsail wear patches may be fitted as shown
 Mainsail battens to be angled as shown for easy roller furling
 Jib to have four leach battens placed at equal distance on leach. Four Leach battens on Genoa are optional
 Foresail hanks to be bronze and for 1/4" wire
 Roller furling sails to have #6 Luff tape for Harken Unit I Series B Roller Furler.

2"

1 3/4"

CLEW POSITION

TACK POSITION

Sailmaker should be aware that the loadings on a Multihull's sails are considerably higher than an equivalent monohull due to the much greater maximum stability (29,000ft. lbs)

1996 F-27® SAILPLAN

Drawn by Ian Farrier Revised June 12, 1996

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