

Fireball Lines

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In response to numerous questions about the various lines and their lengths here's a summary:

Fireball Sheet Lengths

Spinnaker Sheets: - 18,300 mm (60') total

- 4,600 mm (15') taper @ each end
- 6 mm (1/4") diameter at middle
- 4 mm (5/32") diameter at ends

Mainsheet: - 6,700 mm (22') total

- 900 mm (3') split bridle at end
- 8mm (5/16") diameter for main portion for wimpy helm
- 7mm (9/32") diameter for main portion for tough helm

Jib Sheet: - 7,000 mm (23') total

- 500 mm (20") taper @ each end
- 6 mm (1/4") diameter for main portion
- 4 mm (5/32") diameter at ends
- For thwart sheeting, add 900 mm (3') to length

Twinning Line: - 2,650 mm (104") from ring bearing to ring bearing

- Winder standard length is 2,700 mm (106")
- For Dyneema, use a minimum diameter of 6 mm (1/4") to avoid it getting sucked into the jib sheet turning block. A minimum splice of 300 mm (12") is required to clear the deck cleat and avoid crushing of the core and slippage through the cleat.
- For standard line, use a minimum diameter of 4 mm.

Spinnaker Halyard: - 14,000 mm (46')

Slot Gasket: - 50 mm (2") wide

- 1,430 mm (4'-8.25") for Winder hulls
- 2 lengths required
- Hawk "Slot Strip"

o Always use brand new contact cement. Applying thin and even coats is imperative, lumps are bad. Let dry as long as possible can, and join the two surfaces with pressure to ensure full contact.

o Heating the glue with a hair dryer the next day and pressure rolling it again helps. It's not a job that can be done in a hurry. Alternatively, use West System's "G/flex Epoxy", but it will have to be heated (hair dryer) to be removed.

o Refer to <http://www.hawkmarineproducts.com/slot.htm> for more instructions.