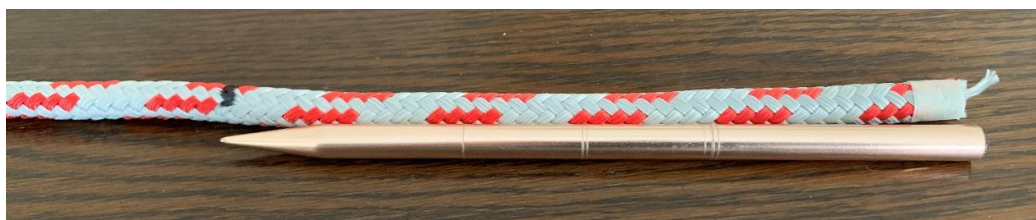


Rope/FID Sizes in Metric (Rounded to nearest 0.5 cm)

Rope Diam. (mm)	Full Fid (cm)	Short Fid (cm)	Long Fid (cm)	Half fid (cm)
5	10.5	3.5	7	5.5
6	12.5	4	8.5	6.5
8	17	5.5	11	8.5
10	21	7	14	11.5
12	25	8.5	16.5	12.5
13	27	9	18	13.5
14	29.5	10	20	15
16	33.5	11	22.5	17
Formula	Diam x 21	Fid / 3	Fid / 1.5	Fid / 2

Mark off One full fid length to start, make the eye and put a second mark alongside the first. Measure about 5 fid lengths back from second mark and tie slip knot.



At the second mark use a spike to carefully open the cover & remove core, tape the end.



Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.

Double Braid Splice

Milk cover to knot & back twice. Mark the core where it leaves the cover.



Milk back to expose more core in order to mark a short fid length & a further 1.5 fid lengths.



Taper cover: - From first mark, leave about 3cm, remove two strands, repeat twice, trim.



Insert fid into the core at the short fid mark, out at 1.5 fid mark.
Slip the cover into the fid and push it through the core, tie a knot.



Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.

Double Braid Splice



At the first mark push **smaller** fid into cover past join at the short fid mark and out through cover. Insert core into fid and push through.



Pull core until it jams up. Hold crossover firmly, milk cover down, care to avoid bunching



Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.

Double Braid Splice

Mark the core where it leaves the cover. Pull out the core, cut at the mark, taper the end.



Milk the cover back until core disappears.



Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.

Double Braid Splice

Undo the cover knot, fan and taper the end of the cover.



Hold the crossover firmly and milk the core until cover disappears.



The Splice is now complete, it just needs tidying up.

Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.

Double Braid Splice

Put the slip knot onto a strong point i.e. a winch, bollard or post.

Tension the rope until no more core disappears. **Care to avoid bunching.**

When no more core disappears, keeping it taught, milk the cover back over the core . Snatch & work to finish off. You may have to hammer the splice to soften the fibres.



For Maximum strength stitch through the splice and whip.



Video link <https://youtu.be/UghIS9xdiDw>

Search: - YouTube New England Ropes Splicing Double Braid

Do not be disheartened if your first attempts are not perfect.

Common issues

The rope is old!!!! It can be done but is usually a whole world of grief.

Allowing the core to bunch up whilst tensioning the splice. Hammering and working the splice will help to remove it. It should not affect the overall strength too much and can be hidden with a whipping as you finish the splice.

Tools: Fids and pusher, Marker pen, Masking tape, Sharp Scissors or knife, spike. Sailmakers needle, palm & thread.