

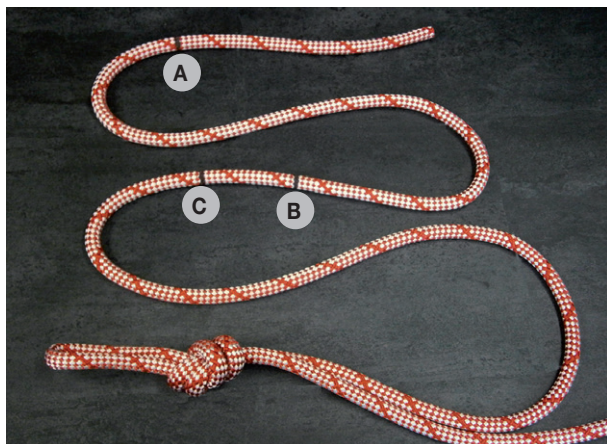


RIGGING ROPES

Splicing instructions

SPLICING INSTRUCTIONS

SIRIUS / STA SET / POLY NYLON

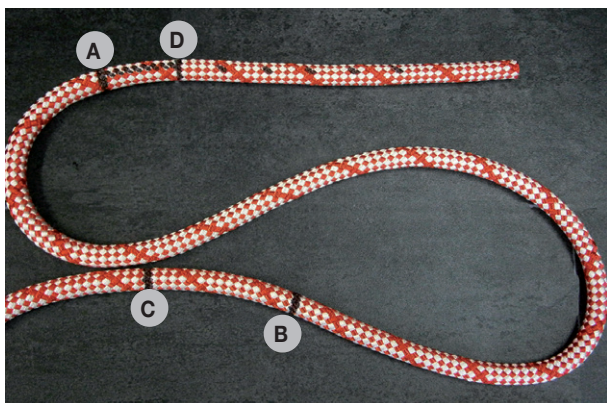


Tie a knot about 4 m from the rope end to prevent rope from moving.

Mark A, B, C. Measures according to table below.

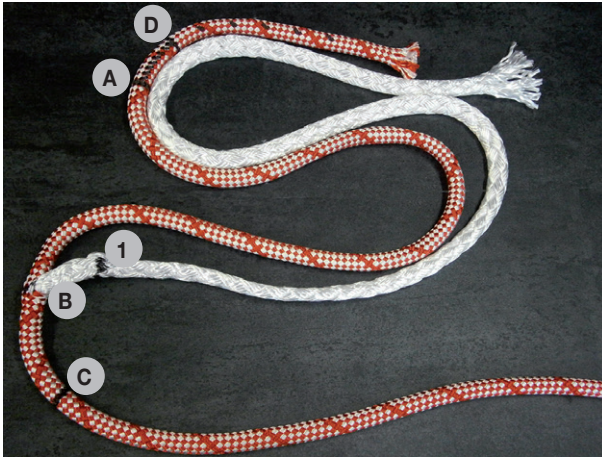


Mark D in a distance of 8 braids from A.

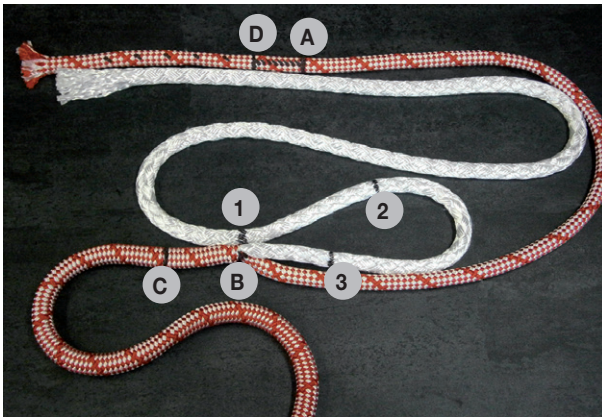


From D towards the rope end mark every fifth pair of yarns. Later on these marks are needed for cutting off the yarns for even tapering.

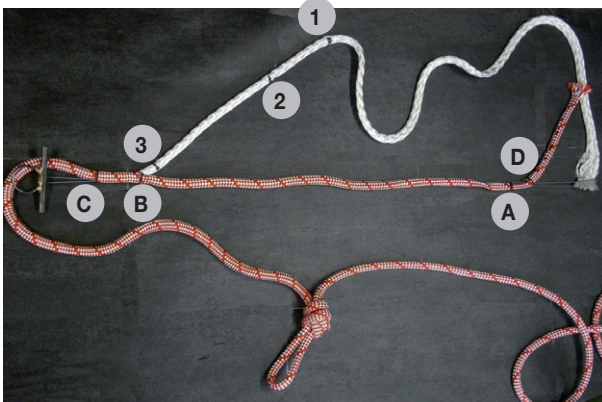
SPLICING INSTRUCTIONS



Pull out the core at B and mark the point of exit 1.

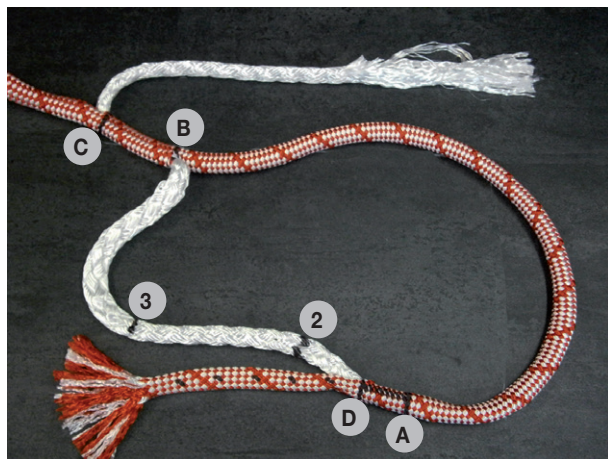


Pull out the core even more and mark 2 and 3. Measures according to table below.

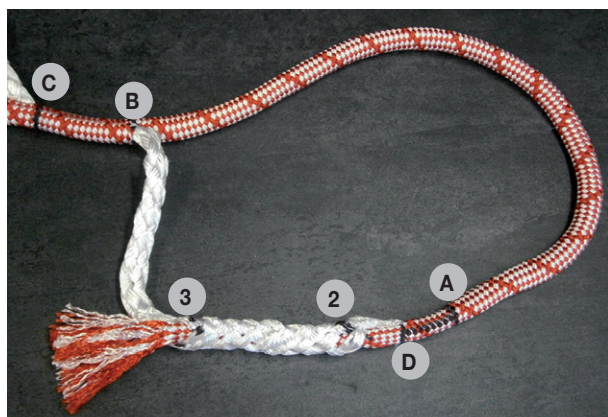


Introduce core at mark D and pull through as far as C.

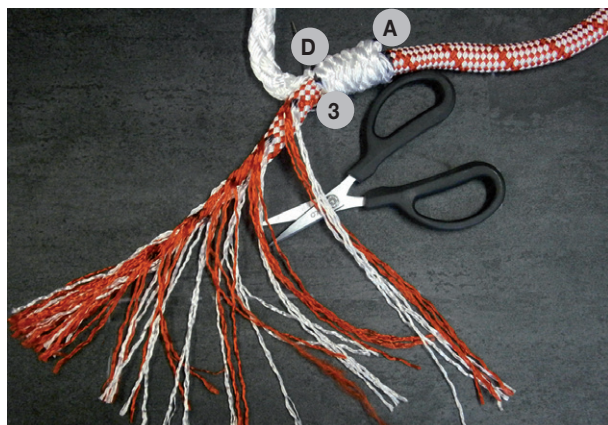
SPLICING INSTRUCTIONS



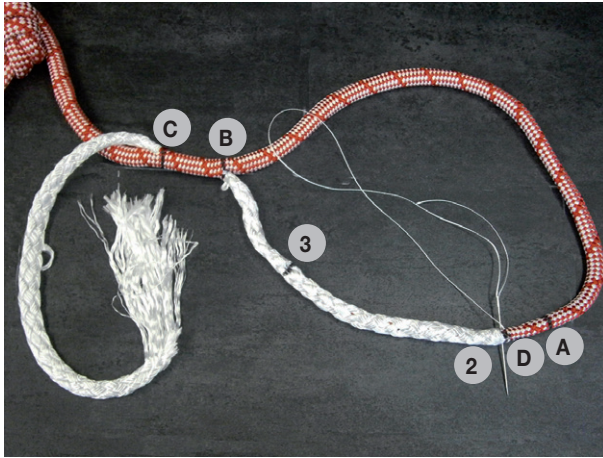
Pull the cover end (behind D) through the core from 2 to 3.



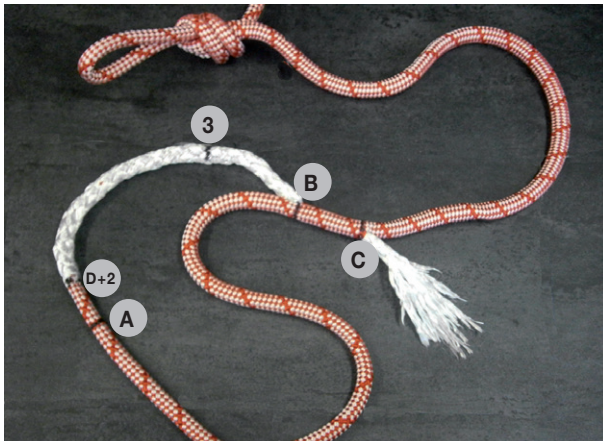
Pull the section 2 to 3 towards D as tightly as possible. Pull out the yarns marked before and cut them off for even tapering. Taper the remaining yarns at the tip.



SPLICING INSTRUCTIONS



Bring section 2 to 3 back into position. D and 2 must be in the same place. Fix with two to three stitches using e.g. whipping twine of 0,5mm.



Even out cover and core. At mark C, where the core exits the cover, add a marking on the core. Pull the core out further, make a straight cut, unravel the rope end for 6 cm and taper the tip along those 6 cm.



Pull hard to get the cover in place. .

SPLICING INSTRUCTIONS



In the finished splice marks A and B are in the same place.



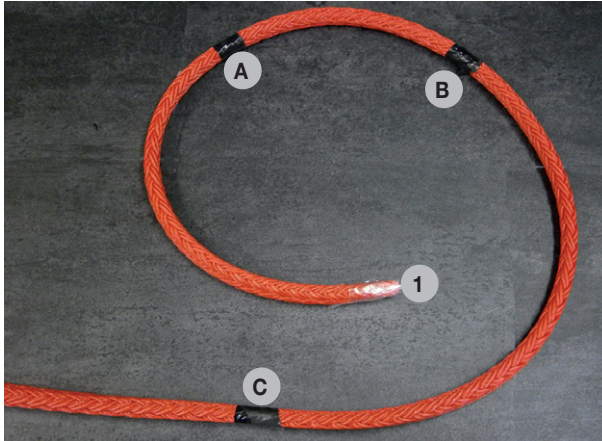
Add a lock stitch by hand to make sure that the splice may not slip apart.

See below for lock stitch.

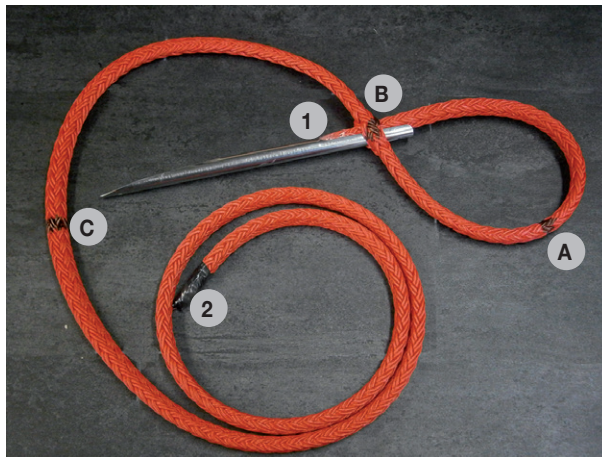
Markings in [cm]

	Cover			Core	
	From end to A	AB	BC	From 1 to 2	From 2 to 3
Sirius 12 mm	26	77	9	12	26
Sirius 14 mm	30	78	10	13	30
Sirius 16 mm	34	79	12	15	34
Sirius 18 mm	38	80	13	16	38
Sirius 20 mm	42	81	14	17	42
Sta-Set 1/2" / 12,7 mm	26	77	9	12	26
Sta-Set 9/16" / 14,3 mm	30	78	10	13	30
Sta-Set 5/8" / 15,9 mm	30	78	10	13	30
Sta-Set 3/4" / 19,1 mm	40	81	14	17	40
Sta-Set 7/8" / 22,2 mm	46	83	16	19	46
Sta-Set 1" / 25,4 mm	53	85	18	21	53
PolyNylon 1/2" / 12,7 mm	28	77	10	13	28
PolyNylon 9/16" / 14,3 mm	34	78	12	15	34
PolyNylon 5/8" / 15,9 mm	34	79	12	15	34
PolyNylon 3/4" / 19,1 mm	42	81	14	17	42
PolyNylon 7/8" / 22,2 mm	47	83	16	19	47
PolyNylon 1" / 25,4 mm	55	85	18	21	55

TREX

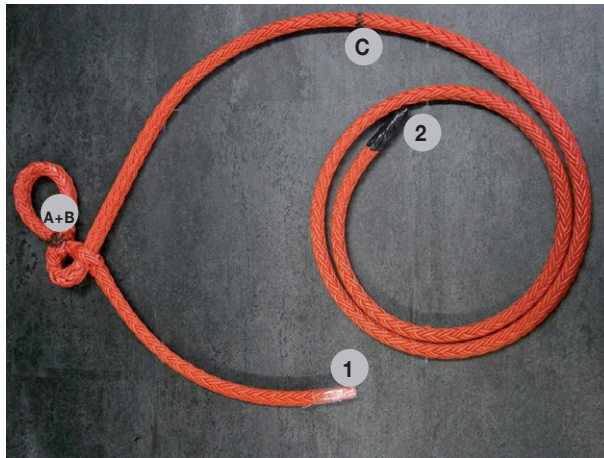


Mark A, B, C. 1 is the rope end near A. 2 is the other rope end. Measures according to table below. The distance between A and B defines the eye size.

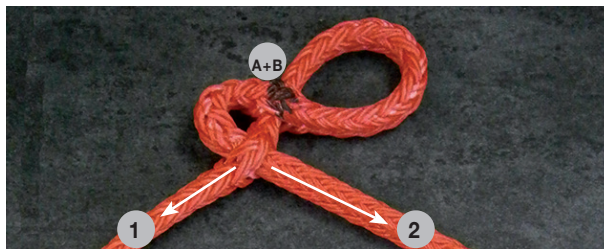


Pull the rope end 1 through the rope at B until A meets B.

SPLICING INSTRUCTIONS

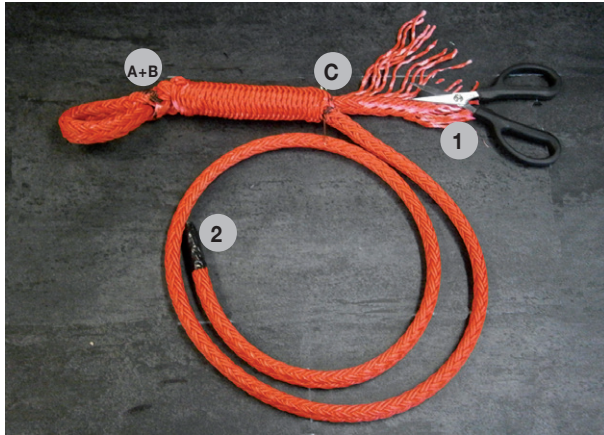


Pull rope end 2 through the rope just underneath the point where A and B meet.
See next picture for more details.



Pull tight and even out the rope at A/B.
Introduce rope end 1 into the rope just underneath A/B and exit again at C.

SPLICING INSTRUCTIONS



Pull out as much of rope end 1 as possible and fix with a needle near C. Remove 8 rope strands at equal distances and taper the rope end.



Remove the needle, even out the rope.



Add a lock stitch by hand to make sure that the splice may not slip apart.

See below for lock stitch.

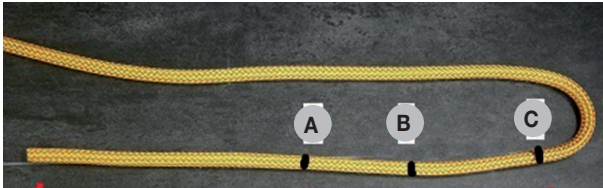
SPLICING INSTRUCTIONS

Distances of marks	1 to A	AB (for a 35 cm eye)	BC
tRex 3/8" (9,5 mm)	33 cm	73 cm	44 cm
tRex 7/16" (11,1 mm)	35 cm	75 cm	46 cm
tRex 1/2" (12,7 mm)	40 cm	77 cm	52 cm
tRex 5/8" (15,9 mm)	51 cm	78 cm	76 cm
tRex 3/4" (19,1 mm)	61 cm	80 cm	80 cm
tRex 7/8" (22,2 mm)	71 cm	82 cm	94 cm

ARBORWINCH LINE



Tie a knot about 4 m from the rope end to prevent rope from moving.

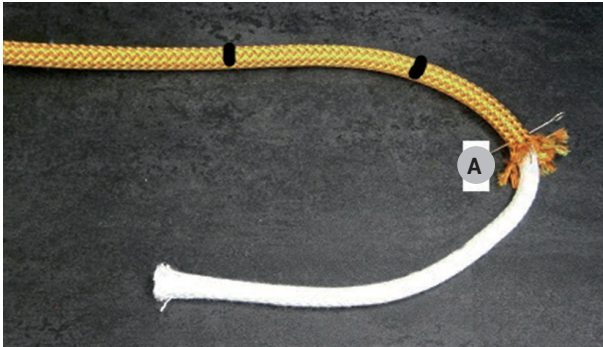


Cut rope end with a hot knife and mark A, B and C

A.....25 cm from end

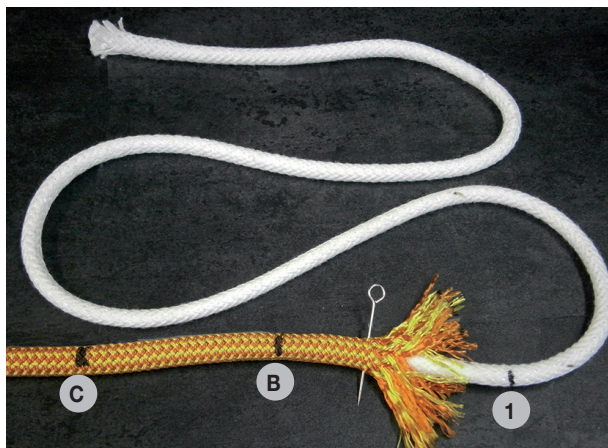
AB.....10 cm

BC.....76 cm (for a 35 cm eye)



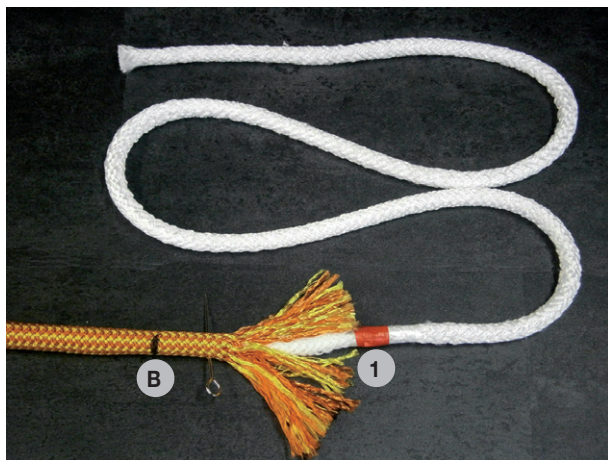
Cut off cover at A.

SPLICING INSTRUCTIONS

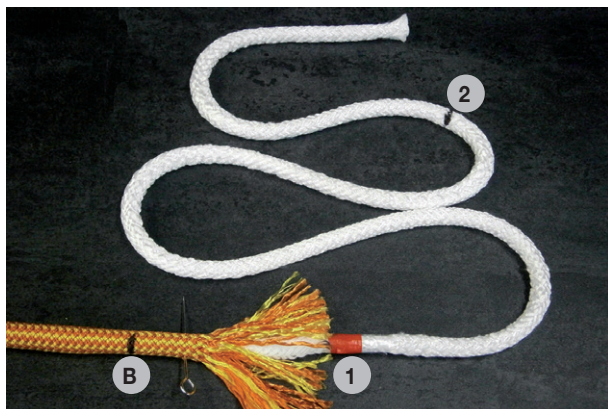


Pull out core and fix with a needle about 1,85 m from the rope end.

Mark 1 on the core (including intermediate cover) at 179 cm from the rope end.

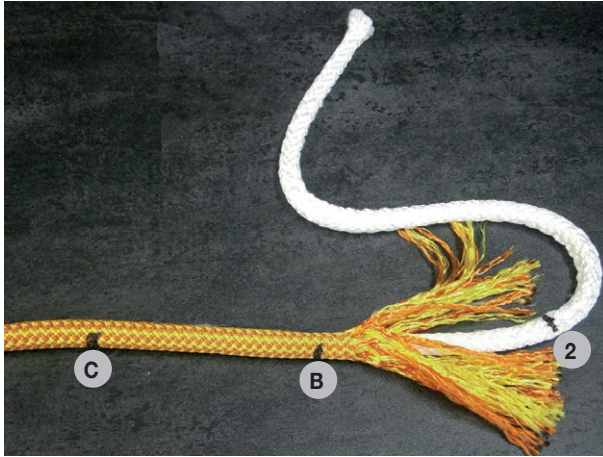


Cut intermediate cover at 1, remove the intermediate cover (from 1 to the rope end) and fix the cut end with adhesive tape.



Mark 2 on the core at 37 cm from the rope end.

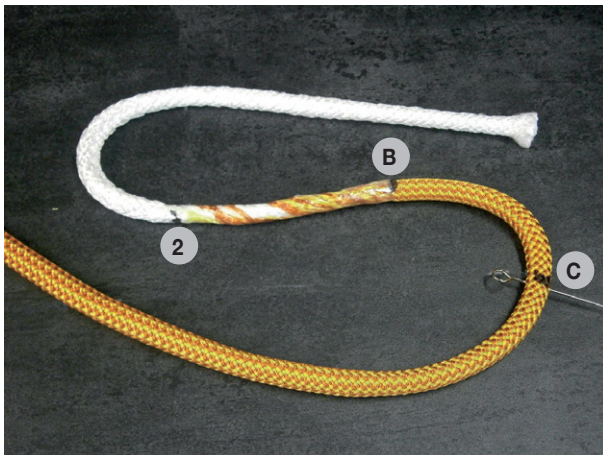
SPLICING INSTRUCTIONS



Pull cover back as far as mark 2.
Unravel cover as far as 1,5 cm
before mark B.

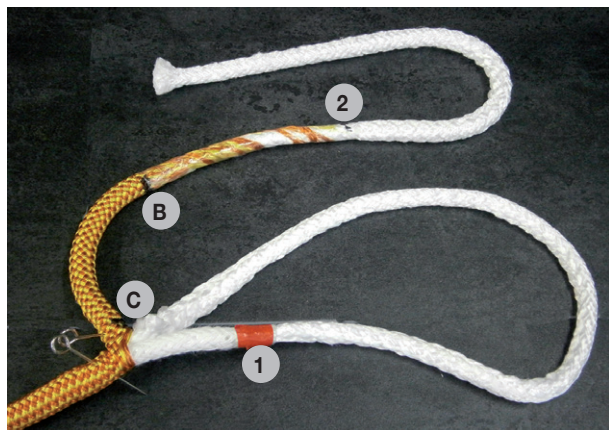


Taper the cover: Cut off half the
yarns at 1,5 cm before B, cut
another quarter of the yarns
halfway and taper the remaining
yarns until the end.

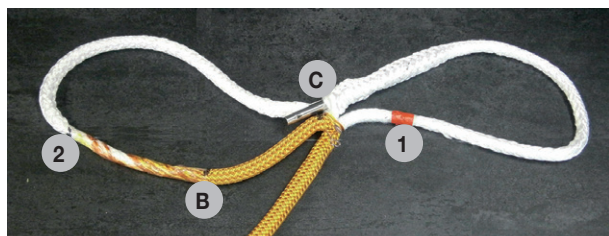


Wind adhesive tape around tapered
cover from marks B to 2.
Pull cover back in place and fix at
mark C with a needle.

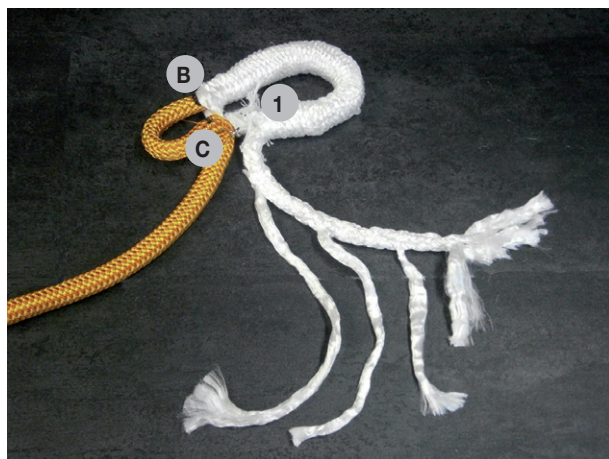
SPLICING INSTRUCTIONS



Just behind the needle at C pull out the cover until mark 1 appears. Then fix with another needle.

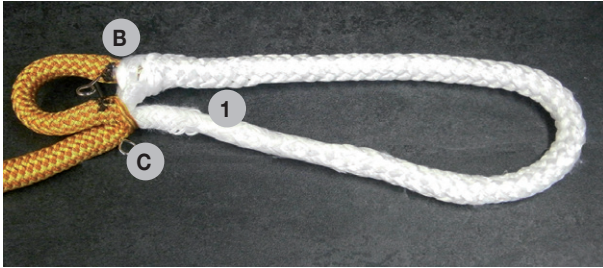


Insert the core end (behind mark 2) into the core next to mark C until mark 1.

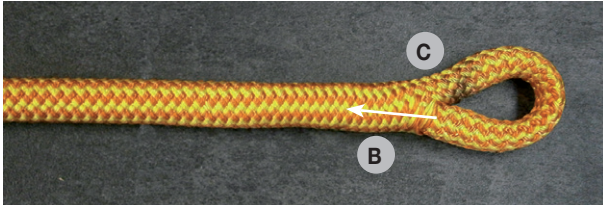


Pull core end out at mark 1 and taper along 30 cm: Remove 4 braids at equal distances, cut them off and taper the remaining rope end.

SPLICING INSTRUCTIONS



Pull tapered core back (and even out). The tip of the core must disappear inside the intermediate cover. Even out carefully!
Fix connection of core and intermediate cover with adhesive near 1.



Pull core into cover. Mark B must disappear inside the cover. It is recommended to use a winch to pull really hard.

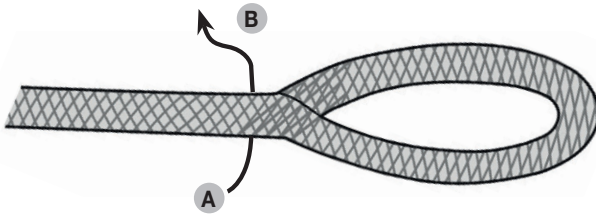


Add a lock stitch by hand to make sure that the splice may not slip apart.

See next page for the lock stitch.

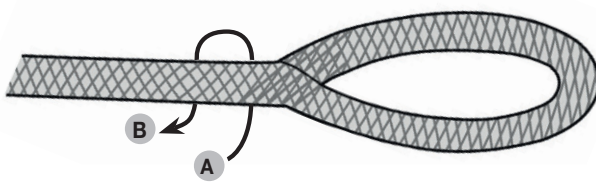
SPLICING INSTRUCTIONS

LOCK STITCH



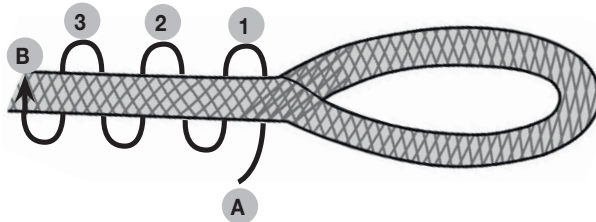
Step 1

Pass stitching through spliced area near throat of eye as shown.



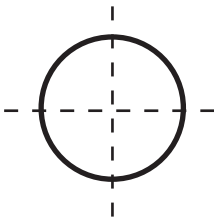
Step 2

Reinsert as shown pulling snug but not tight.



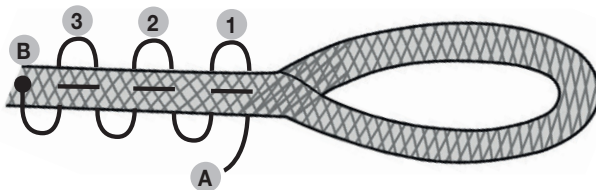
Step 3

Continue to reinsert as shown until you have at least 3 complete stitches.



Step 4

Rotate spliced part of rope by 90° and reinsert end A into spliced area in the same way as in Steps 1, 2 and 3. The splice will now be stitched in two planes perpendicular to each other. Make sure you do not pull the stitching too tight.



Step 5

After stitching at least three complete stitches as in Step 3, extract both ends A and B together through the same opening in the braid. Tie them together with a square knot and reinsert back into braid. For double braids, reinsert the knot between the cover and core.



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Treecare Catalogue



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