

Double Braided Ropes Splice

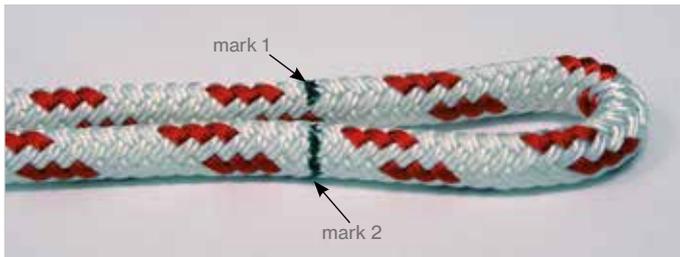
The following information refers to a splice made in a 10 mm rope. For other rope diameters, adapt the dimensional specifications accordingly.

Step 1



Mark the rope in a location
20 cm from the end of the rope (=mark 1)

Step 2



Define the desired eye size and mark the rope again in the
appropriate location (mark 2).

Step 3



Bend the rope sharply at mark 2. Using an awl, open the rope's
cover.

Note: This step readies the rope for the subsequent core ex-
traction process.

Step 4



Extract the core.

Note: Pull the core out of the cover from the rope's short end.

Step 5



In the case of sealed rope ends, this is latest possible time for such end to be cut off using a sharp knife (if this had not been done before).

Step 6



Now pull the core completely out of the cover.

Note: Again, extract it from the rope's short end.

Step 7



Core and cover should be of the same length.

Note: If, when extracting the core, such core was extracted from the rope's long end, this can be corrected by smoothing out the sleeve.

Step 8



Make core and cover taper using sharp scissors ...
... and apply adhesive tape around the tapered core end and the tapered cover end.

Step 9



Tie a knot 2 - 3 meters from the rope end.

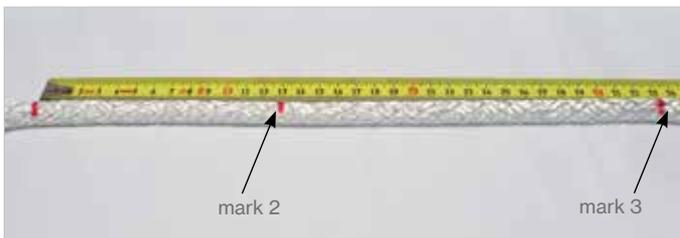
Note: This knot will still be needed later!

Step 10



Mark the core in the location where it exits the cover.
Pull the core about 75 cm out of the cover.

Step 11



Mark the core 13 cm (mark 2) and 33 cm (mark 3) from mark 1

Step 12



Insert the taped up tip of the cover into the splicing needle as shown on the left-hand side.

Step 13



At mark 2, stick the splicing needle into the core and move it toward mark 3.

Step 14



At mark 3, the needle exits the braided core.

Pull the cover all the way up to mark 1.

Step 15



Insert the taped up core tip into the splicing needle.

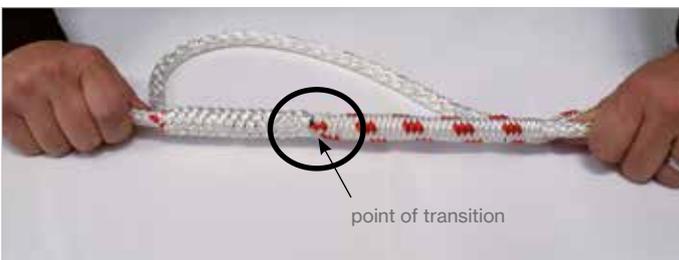
At mark 1, stick the splicing needle into the cover and move it toward mark 2.

Step 16



The splicing needle exits the braided cover 3 cm after the intersection (between cover and core). Pull the core through completely.

Step 17



Using both hands, pull at the taped up ends (core and cover). Make sure that the point of transition is pulled together tightly.

Step 18



Cut off the cover obliquely about 15 cm from the point of transition and slip the core over the cover such that the cover disappears completely in the core.

Step 19



Attach the knot from step 9 to a securely anchored hook and slip the cover gradually toward the eye of the splice.



That is what the spliced eye should look like now.

Step 20



Pull the core toward the eye and cut it off very close to the exit point. Be sure to avoid damaging the cover when cutting off the core.



That is what the spliced eye should look like now.

Step 21



Pull at the eye so that the core will fully disappear in the splice. If necessary, you may apply a whipping!