



EYE SPLICE 6-STRAND CLASS I

Class I ropes are made from any or all of the following fibers: olefin, polyester, or nylon.

The eye splice is used to place a permanent loop in the end of a rope, generally for attachment purposes to a fixed point. An eye is also used to form the rope around a thimble, which is used to protect the rope, especially when it is to be attached to a shackle, chain or wire rope.

Additional rope needed for splice:
length of 36 crowns plus length of eye
with thimble: length of 36 crowns plus
1/2 circ. in feet.

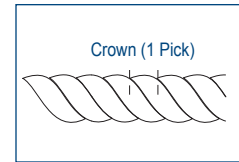
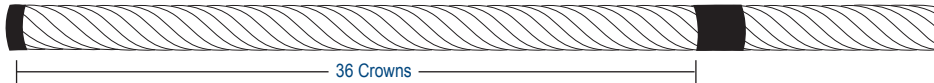
STEP 1

PREPARING THE ROPE

Remove a sufficient length of rope from the reel to furnish the required eye.

STEP 2

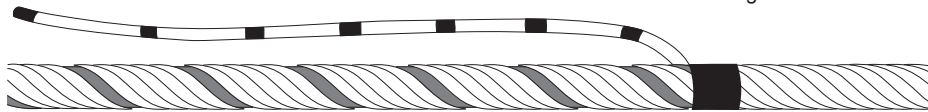
Tape the rope 36 crowns from the end.



STEP 3

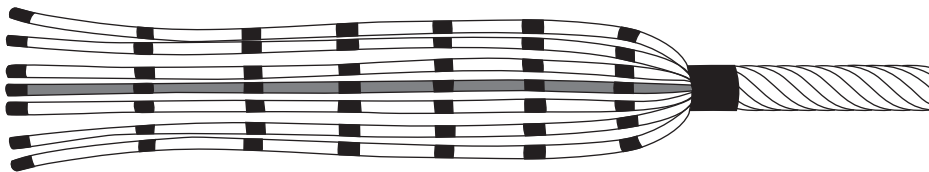
Select one strand and tape the end.

3A Remove this strand completely from the rope holding the twist in the strand and tape it at the end and at six to eight inch intervals throughout its length.



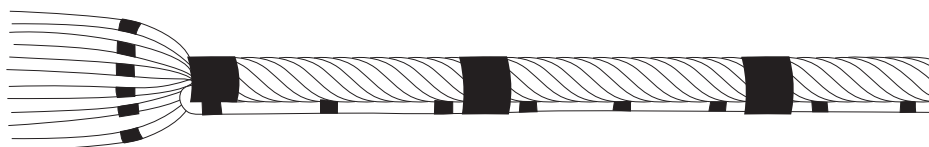
STEP 4

Remove the remaining five strands one at a time and proceed as outlined above.



STEP 5

Tape the core at six to eight inch intervals and lay it back along the rope. Tape it to the rope.





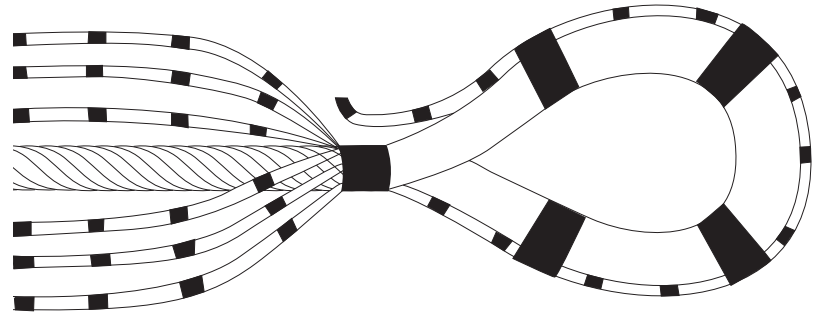
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STEP 6

MAKING THE SPLICE...

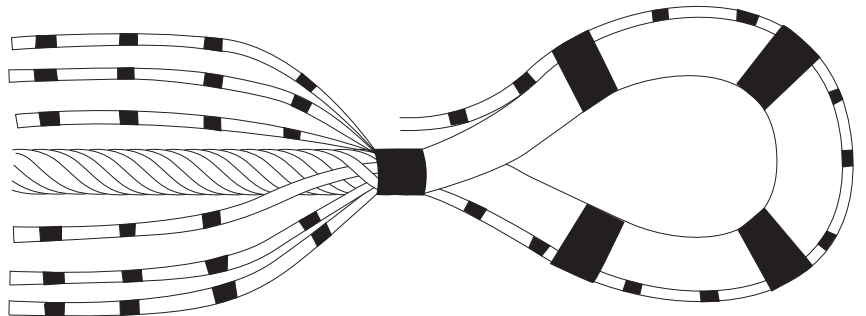
Lay out the required eye size and put the taped junction of the strands on top of the standing part of the rope.

6A Lay three strands on the left side of the rope and the other three strands on the right side of the rope.



STEP 7

Tuck the left topmost strand under the strand nearest to it against the lay of the rope. Pull the strand up snugly.

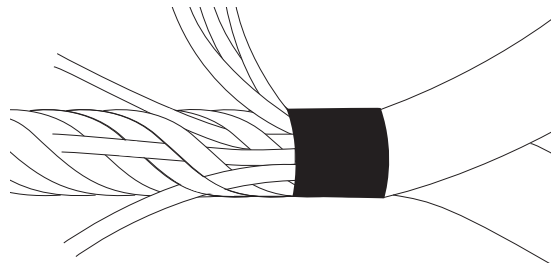


STEP 8

Insert a marlinspike under the next strand directly below the first tuck. Pull the first strand past the marlinspike out of the way.

Remove the marlinspike and push the second strand through. Pull the strand up snugly.

Insert the marlinspike under the next strand directly below the second tuck and proceed as above for the third strand.



8A Turn the entire eye assembly over into the direction of the lay.

8D Insert the marlinspike into the next strand directly below the fourth strand and proceed as above for the fifth strand.

8G Turn the entire eye assembly a full turn to restore the lay in the rope.

8B Insert the marlinspike under the next strand directly below the third tuck. Pull the third strand past the marlinspike out of the way.

8E Insert the marlinspike into the next strand directly below the fifth strand and proceed as above for the sixth strand.

8C Remove the marlinspike and push the bottom right side fourth strand through. Pull the strand up snugly.

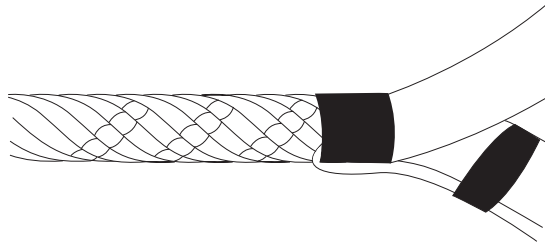
8F Pull or snap all six strands to make sure that they are snug and even around the circumference of the rope.



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STEP 9

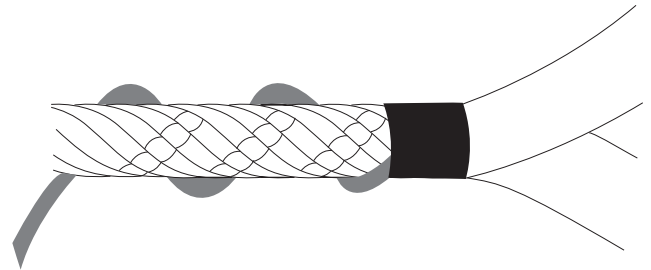
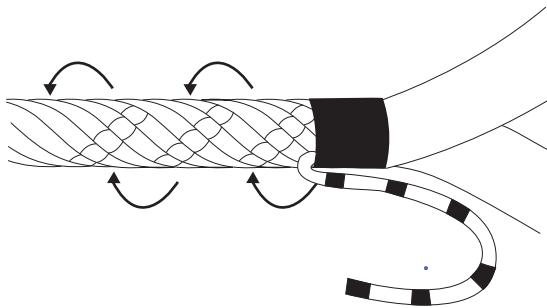
Continue to tuck the strands as noted above, until each strand has been tucked a total of six times.



STEP 10

SECURING THE CORE

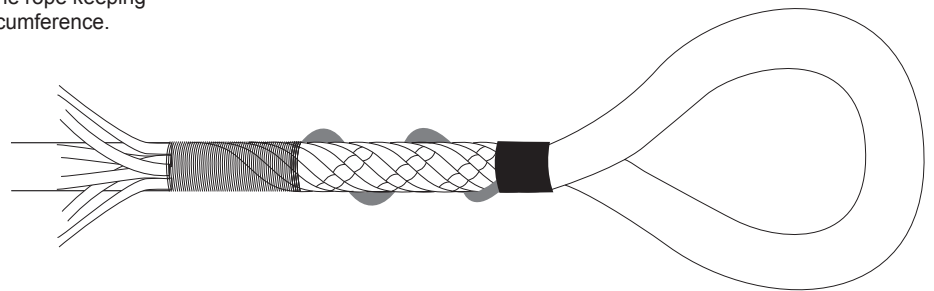
Tuck the core completely through the splice at three to four inch intervals throughout the length of the splice pulling it up snug on each tuck.



STEP 11

FINISHING THE SPLICE

Lay the ends of the strands along the rope keeping them evenly spaced around the circumference.



11A Securely wrap the strands and rope together with six feet of heavy twine starting four inches from the end of the splice and continuing for about one foot.

11B Cut off the exposed strands at an angle, tapering the cut down and toward the rope.

11C Now tape the entire splice twice covering the ends of the strands and the portion wrapped with twine.