

# End for End Splice

## Class II

### 8-Strand Ropes *(Includes Proton-8™)*

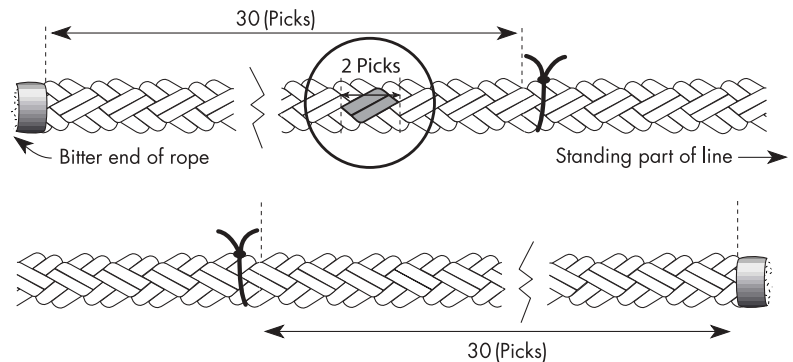
Class 2 8-strand ropes are made in whole or part from any of the following high modulus fibers: Dyneema®, Vectran®, Technora®, and PBO®.



## Step 1 ... Getting Started

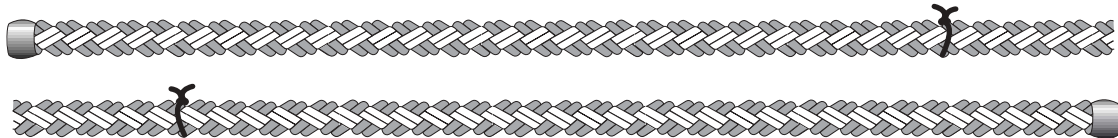
**Tools Required:** A splicing fid or marlinspike, sharp knife or scissors, plastic or masking tape, marking pen, light strong string.

Lay ropes out and count 30 picks or crowns from end of both ropes.  
Tie string or tape securely at these points



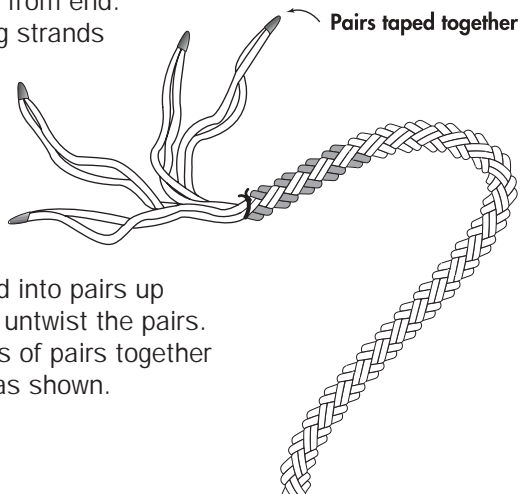
## Step 2 ... Marking

Holding the end of the rope, note the pairs of strands going to the left. Mark these pairs. Mark the strands up to the string and continue to mark the strands for five (5) or more picks beyond the strings.

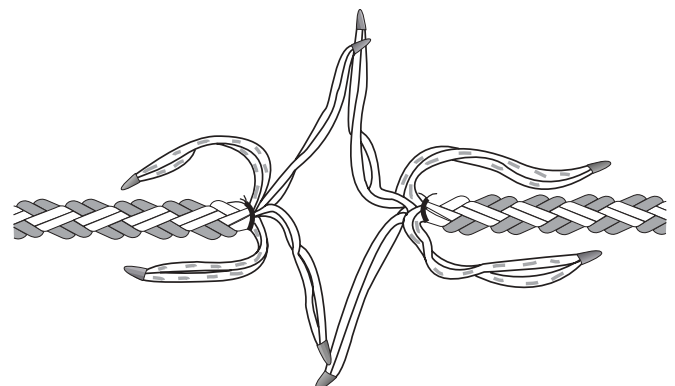


## Step 3 ... Separating & Taping

Remove tape from end. Start unlaying strands in their respective pairs. It is important to keep them together. After they are separated into pairs up to the string, untwist the pairs. Tape the ends of pairs together with a taper as shown.



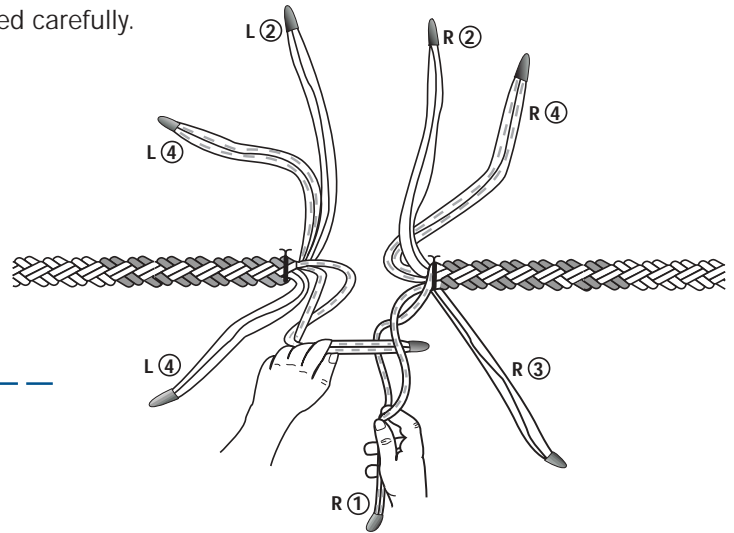
Layout ropes as shown:



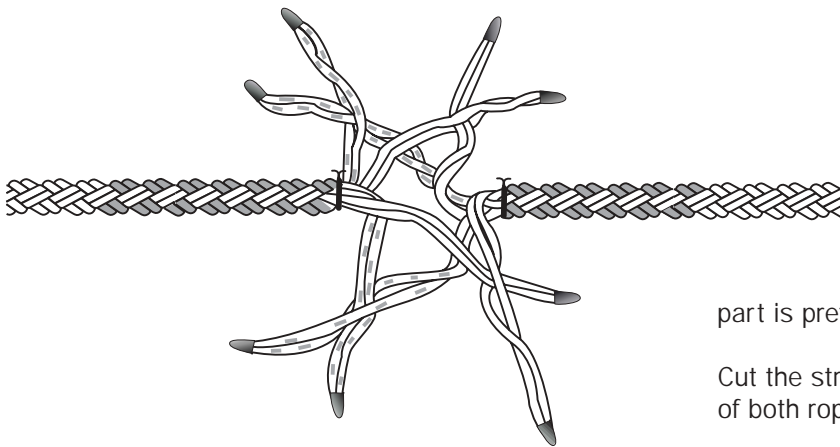
# Step 4

It is important that the next steps of the procedure be followed carefully.

Marked L {1} Strands go between Marked R {1} Strands  
Unmarked R {2} Strands go between Unmarked L {2} Strands  
Unmarked L {3} Strands go between Unmarked R {3} Strands  
Marked R {4} Strands go between Marked L {4} Strands



# Step 5



After the initial step has been completed, you should have something that looks like the drawing at left.

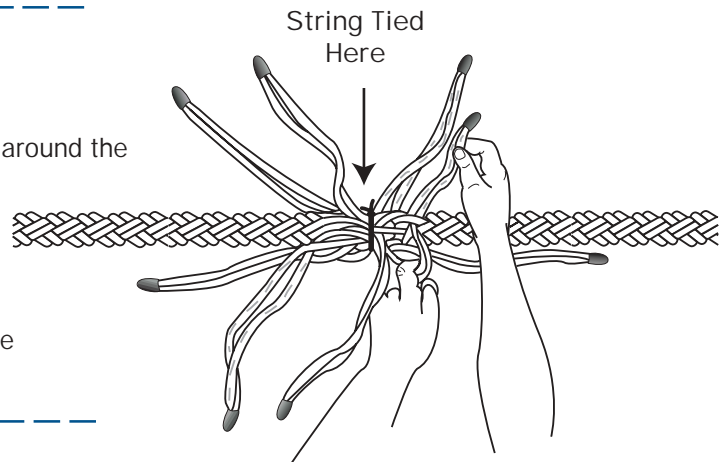
Marry the ropes as shown in Step 6. This part is preferably a two-person job.

Cut the string that you previously tied at the splicing points of both ropes.

# Step 6

Keep the ropes together snugly. Tie a piece of string tightly around the splicing point as shown at right.

Start your splice. A marked pair under an unmarked pair of strands. Now you can follow the same procedure as the eyesplice. But we suggest that you complete one (1) full tuck in one direction and then do a full tuck on the other side of the marriage. Pull everything tight before proceeding.



# Step 7



Complete splicing in both directions so that each side is finished off **as per strand reduction sequence (steps 7-10) of the eyesplice procedure.**

[www.samsonrope.com](http://www.samsonrope.com)

2090 Thornton Street / Ferndale, WA 98248

T. (800) 227-7673 / (360) 384-4669

F. (800) 299-9246 / (360) 384-0572

