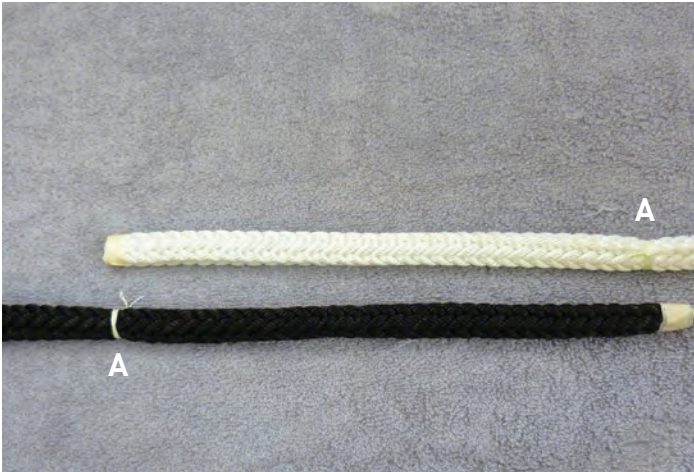




END-FOR-END TUCK SPLICE

FIGURE 1



Special Tip: When making the tucks using this splice don't pull the strands excessively tight and keep them twisted. This allows the tucked strands to elongate the same as the body of the rope, thereby preventing the tucked strands from being prematurely overloaded.

Step 1: a) Measure down from the end of each rope one full fid length (equal to seven times the rope's circumference or 21 times rope diameter). At this location tie a wrap of twine around each of the ropes (point "A").

FIGURE 2



b) Individually tape each of the 12 strands on each of the ropes. After the ends are taped unbraided each rope back to Point "A".

FIGURE 3



Step 2: The ropes are comprised of a total of 12 strands each, six (6) strands with left hand twist and six (6) strands with right hand twist. On each rope combine the 12 individual strands into six pairs of two strands each. Select one left twist strand and one right twist strand and tape together. Note: Select strands that are located near one another as they emerge from point "A".



END-FOR-END TUCK SPLICE

FIGURE 4



Step 3: a) Join the two ropes together at point “A”

FIGURE 5



b) Then combine the pairs by starting at any one set of opposing set of strands, inserting one pair of strands (from one rope) between the strands of its opposite pair (from the other rope). This process is alternated between the ropes (pairs of strands) right, left, etc. as you join the pairs around the rope until all 12 pairs have been joined.

FIGURE 6



Step 4: Now you can begin to tuck the pairs. One complete tuck consists of passing a strand pair over one strand and under two strands of the body of the rope. Pull the strands through and repeat on opposite pair, tucking straight down the body of the rope.



END-FOR-END TUCK SPLICE

FIGURE 7



Step 5: a) Do one complete set of tucks on all 12 strand pairs.

FIGURE 8



b) Carefully cut/remove the twine at mark A on each rope. Then pull the strands snug; do not attempt to pull them so tight that they become straight. Note: It is desirable to leave the tucked strands with some twist in them so that they match the elongation of the standing part of the rope.

FIGURE 9



Step 6: Do three complete tucks on each side of the splice with all six - strand pairs. Each strand pair is always tucked under the same line of braid so that the tuck progresses straight down the body of the rope.



END-FOR-END TUCK SPLICE

FIGURE 10



Step 7: After completing the first three tucks drop every other strand pair and continue to do three more tucks with the remaining three pairs. This is done on each side of the splice.

FIGURE 11



Step 8: After completing the second set of three tucks untape the three strand pairs used to make these tucks. Drop one strand from each pair and do two more tucks with the remaining single strand of each pair.

FIGURE 12



Step 9: Once you have completed the last tucks, cut off the excess material and tape and/or melt the ends. Leave enough of an end protruding so that the end does not slip back into the rope when a load is placed on the rope.