

3-Strand Rope To Splice (Standard & Tapered)



Figure 1



Step #1

To begin this splice, measure 14 crowns (or twists) from the end of the line [18 crowns for a tapered splice]. Mark this location with a temporary wrap of tape around the rope. Un-lay the rope up to the tape. Heat seal or tape the end of each individual working strands. (note: be careful that the strands do not untwist). (Fig 1)

Figure 2



Step #2

To form the eye, bend the rope to form the desired eye size and mark with a temporary wrap of tape. This is done with the standing part of the rope in front of you, bending the tail of the rope from left to right. (note: bend following the natural bend of the rope so as not to put any twist into the eye or the splice). (Fig 2)

Figure 3



Step #3

To perform the first set of tucks, lay the strands out such that you have a left, middle, and right working strand. Then place the left and middle working strands across the rope just below the taped mark. (Fig 3) Tuck the middle strand under a strand on the standing part of the rope just beyond the taped mark.

NOTES:

1. if this is your first time splicing mark the ends of the working strands with an L –left, M –middle, and R –right.)
2. if this is your first time splicing, mark the strand you tucked under as this will be your reference point.

Figure 4



Take the left strand and tuck it under the strand just to the left of the one you raised on the previous step. (note: the left strand should look like it is going over the strand you raised in the previous step) (Fig 4).

Figure 5



Take the right strand and tuck it under the strand just to the right of the one you raised for tucking the middle strand.

NOTE:

It is easier to do this if you first turn the rope over, as shown in photo) (Fig 5). Pull all three working strands snug (note: the two temporary tape marks should be aligning and forming your eye.) This completes the first set of tucks.

Step #4

Perform four more sets of tucks for each of the three working strands. In each tuck the working strand should go over a strand then tucked under a strand. (Fig 6a)

NOTE:

After each set of tucks, pull all three working strands snug.

Figure 6

**Step #5**

Skip the step #5 if performing a standard splice. To perform a tapered splice make two additional tucks with one strand and one additional tuck with a second strand, leaving the third strand as is. (Fig 6b)

Step #6

In order to finish the splice, cut and melt the ends of the working strands, leaving a stub approximately as long as the diameter of the working strand.

NOTE:

The stub will be drawn into the rope once it is loaded up. It can be trimmed further after it has been loaded up.