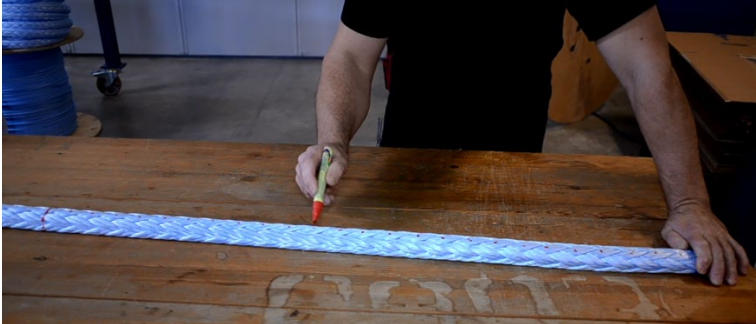


## Dynamica Splice Instruction (LONG)

This splice instruction is for rope made with Dyneema®

### STEP 1 – Measure splice length

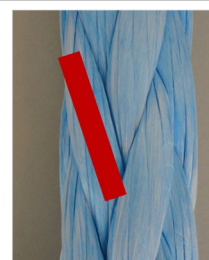
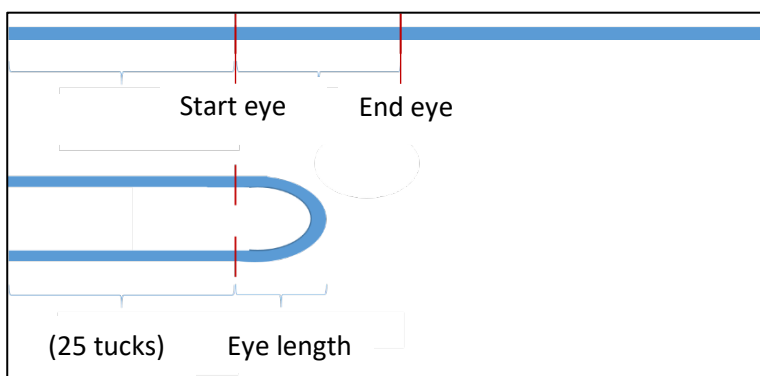


Measure 25 tucks and make a mark.

(Splice length)



Measure the length of the eye and make a mark.

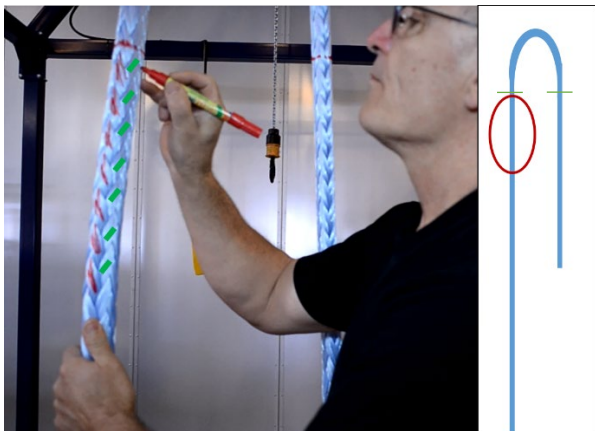


*S-twisted strands are marked with red in the instruction*



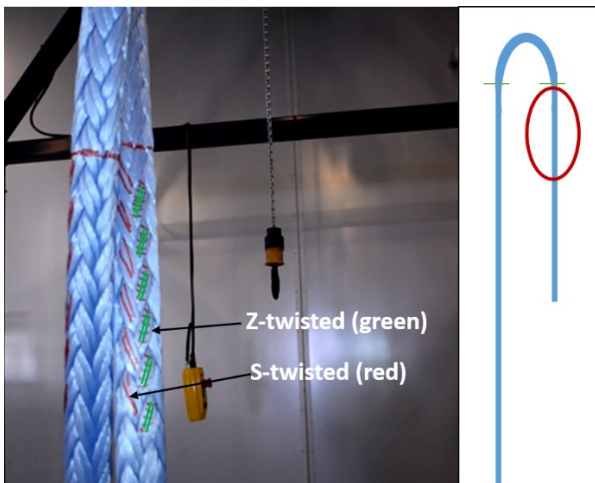
*Z-twisted strands are marked with green in the instruction*

## STEP 2 – Preparation



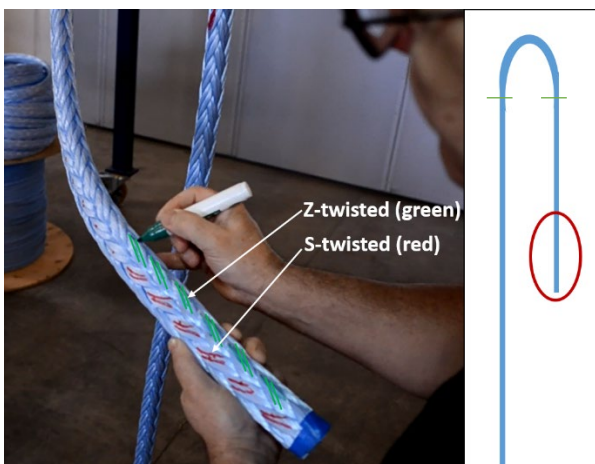
Mark 6 S-twisted tucks (Red) and mark 6 Z-twisted tucks (Green).

Begin at “End-eye” and mark the S and Z twisted tucks down the rope. (The red circle on the illustration points out the area.)



Mark 6 S-twisted tucks (Red) and mark 6 Z-twisted tucks (Green).

Begin at “Start-eye” and mark the S and Z twisted tucks down the rope. (The red circle on the illustration points out the area.)



Mark 6 S-twisted tucks (Red) and mark 6 Z-twisted tucks (Green).

Begin from the end of the rope (The red circle on the illustration points out the area.)

### STEP 3



Open the rope and tape the ends of the strands.

Use two different colour tape. One colour for S-twisted strands and another colour for Z-twisted strands. (Makes it easier to point out the right stands later on in the splice process)



Pull the first Z-twisted tuck under two S-twisted tucks.

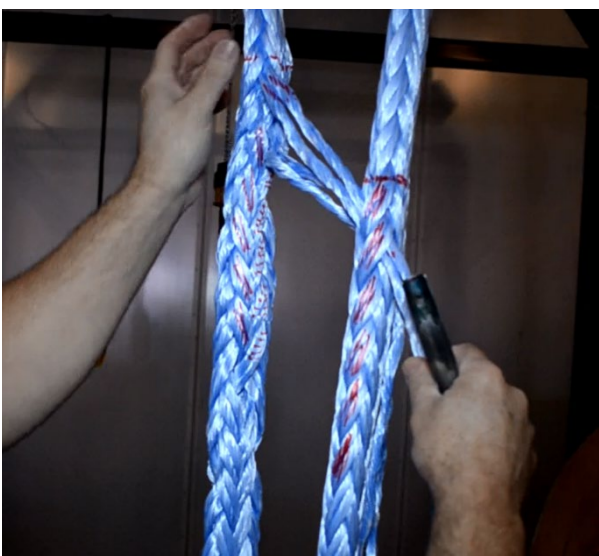


The result will be like this.





Turn the rope 180° and pull the first S-twisted tuck under two Z-twisted tucks.



The result will be like this.



Continue with the remaining 10 tucks (5 Z-twisted and 5 S-twisted) and tighten the rope.

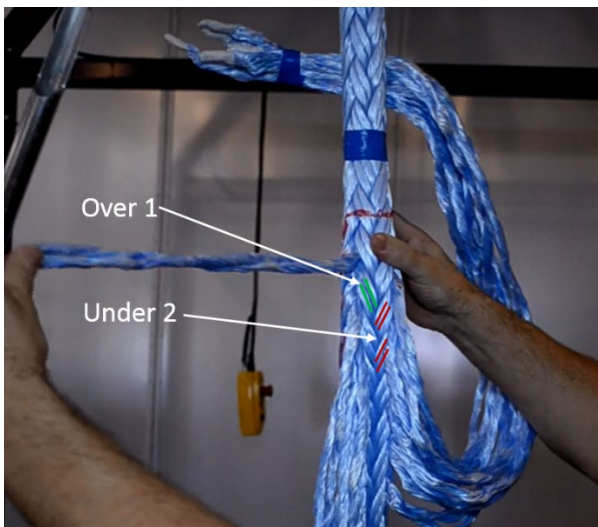


The result will be like this.

## STEP 4



Gather the 6 Z-twisted strands and make sure they are not disturbing.



Make a tuck: over 1, under 2 with one S-twisted strand.



Repeat and make one tuck (over 1, under two) with each of the S-twisted strands.





Turn the rope 180° and make again one tuck with each of the S-twisted strands (over 1, under 2).

Repeat this process in total 4 times like the picture illustrates.



Remove 1/3 of the strands and make 3 tucks.



Remove 1/3 of the remaining and make 3 tucks.



Remove the tape and feather gradually.





Repeat the process using Z-strands.



Finished splice



## Splice Checklist

1. Lay length
2. Splice length 21 strands from top to bottom
3. All strands parallel in the entire splice
4. All s and z strands end on their respective sides at the end of splice.