

# Excel Control Splicing

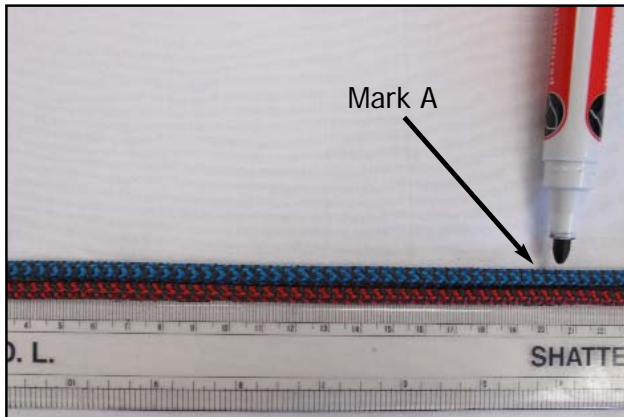
# Marlow

Excel Control is specifically designed for use as a continuous control line. The durable Technora® and polyester cover are high strength and abrasion resistant. Splicing produces an end to end splice with no diameter change.

Equipment required for splicing Excel Control:

Splicing needle (centre strand of dyform wire)  
Tape  
Sharp knife  
Marker pen  
Marker pen  
Tape measure

*For the purposes of these instructions. Two different colour lines have been used for identification only.*

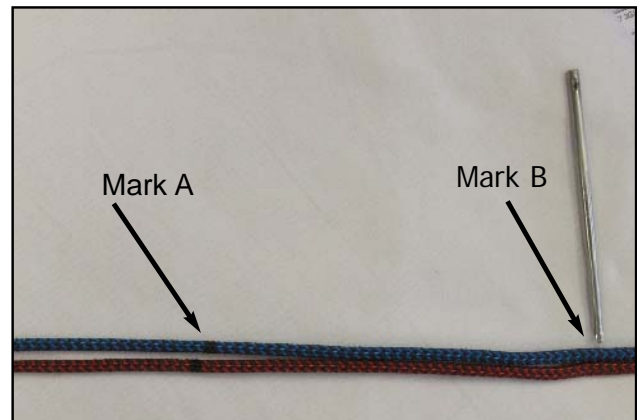


1. Wrap both ends with tape. Cut ends with knife this removes any hard ends caused by melting.

2. On both red and blue ropes mark 20cm from end (Mark A). This mark will later be at centre of the splice.



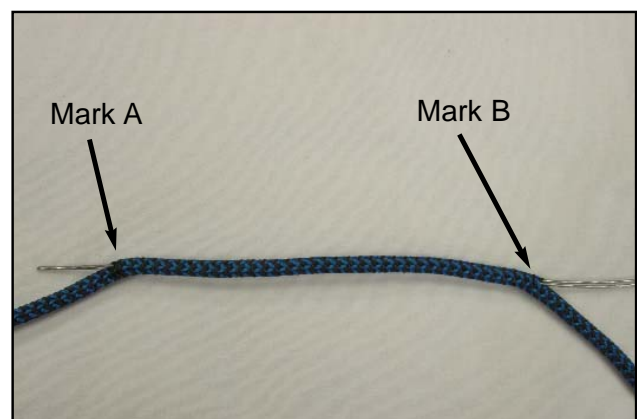
3. Remove 30cm of core from both ends (red and blue) of the rope.



4. Remove 30cm of core and milk hollow cover back. This should leave a 30cm length of cover only before the core begins at mark B.



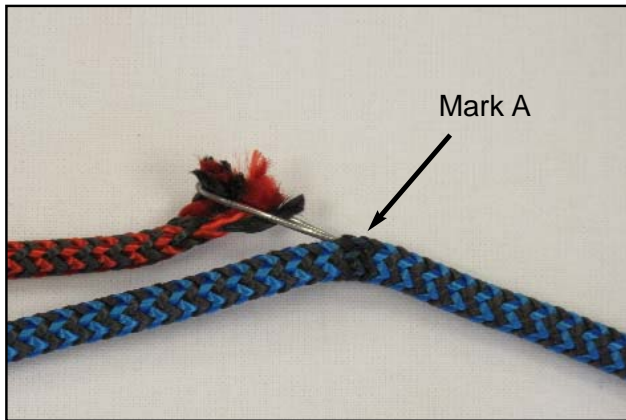
5. Insert the splicing needle at exact point that the core stops (mark B) and push down the inside of the cover and break out at mark A.



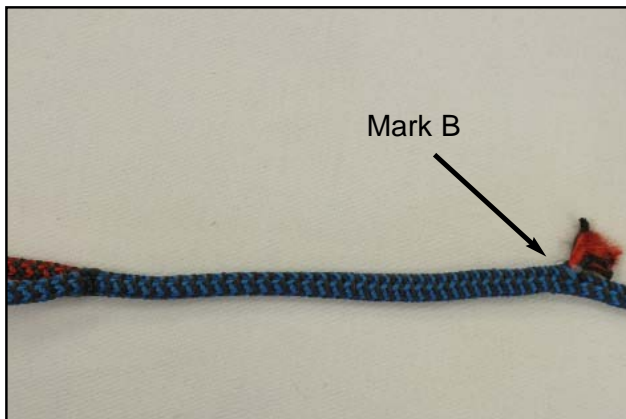
*Tip for easy entry use a fid to separate plaits. Be careful not to insert or exit needle through the middle of a plait.*

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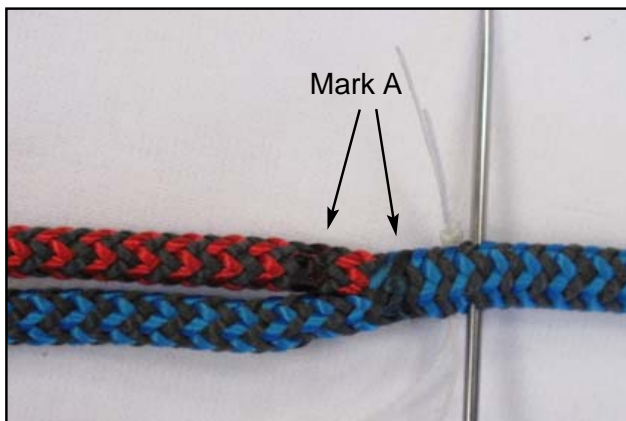
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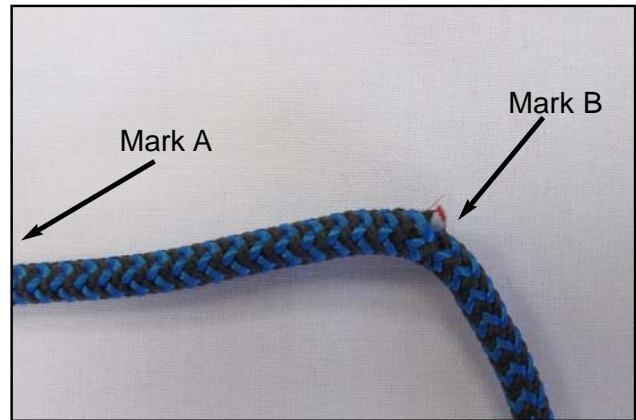
6. Take the red line and put 2-5mm of red cover through the splicing needle. The less red cover in the needle the easier it will be to pull through the blue cover.



7. Gently pull the red line through the cover of the blue until it appears out of mark B.



8. Continue pulling until Mark A on the red rope lines up with Mark A on the blue rope. When the marks line up put a small locking stitch through the blue cover with the red cover inside to hold them fast.



9. Milk the blue cover over the red until there is no slack.

10. Pull 1-2mm of red cover back out and cut the remaining red cover off. Finish by massaging the remaining blue cover so the red cover is concealed within.



11. To complete the 2nd half of the splice repeat steps 5 - 10. This will conceal the blue cover inside the red cover.



Done.