

INSTALLATION GUIDE

DISAF Wrapping Tube Cable™
with SpiderWeb Ribbon® butt joint
cable preparation.

Preparing a 432f DISAF cable for the Apex
X-2 and Apex X-2S splice closure.

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Notes on preparing DISAF 432 for the Apex X-2 and Apex X-2S closures

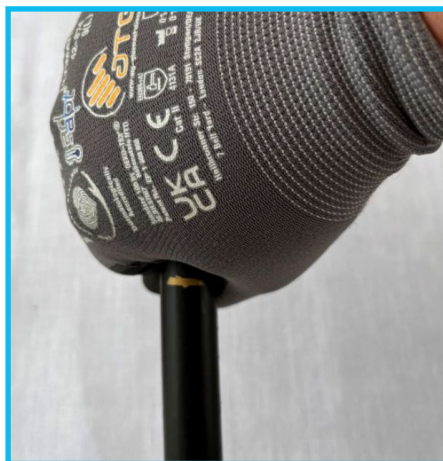
Specs for cable preparation for the Apex X-2 and X2-S are listed in the instructions.

We will be using 2.5 metres on each cable; it is much easier to have excess when you are going to trim to fit each tray.

The following pages will detail the step-by-step recommended procedure of cable preparation.

1

Remove a fistful of the outer jacket [figure 1.1]. You may need to use the sheath ripper to help in the removal process [figure 1.2].



[Figure 1.1]



[Figure 1.2]

2

Use the pipe cutter to ring cut the cable and remove the short section of outer jacket [figure 2.1].



[Figure 2.1]

3

Next, use the sheath ripper to help expose enough ripcord to start the process of removing the remaining outer armored sheath [figure 3.1].



[Figure 3.1]

Place the sheath ripper a few mm from to the ripcord and rip through the outer sheath, about 250mm on each side. This will give you enough purchase on the exposed ripcord to continue ripping through the armored outer sheath. Using a screwdriver handle or something similar, wrap the ripcord around it and pull down the length of the cable [figure 3.2].

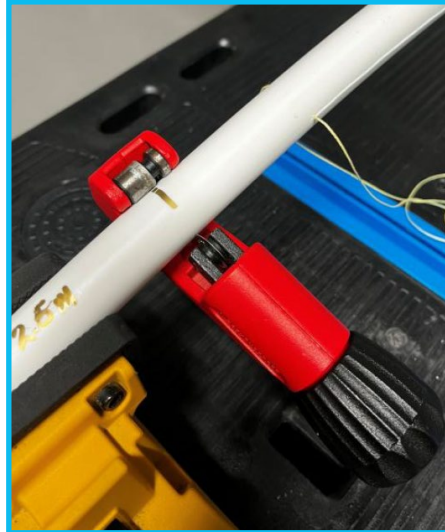


[Figure 3.2]

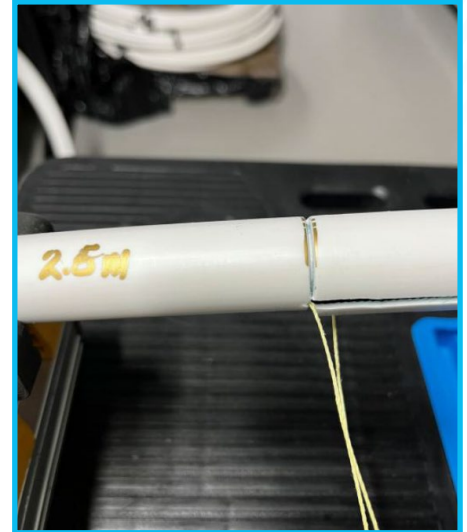
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The length required is 2.5 metres, so you should have determined the location of the pending ring cut and marked it [figure 4.1].

Pull both ripcords to within 50mm of the marked ring cut. Then use the pipe cutter to make your ring cut and finish pulling the ripcords to the ring cut only after making the ring cut [figure 4.2].



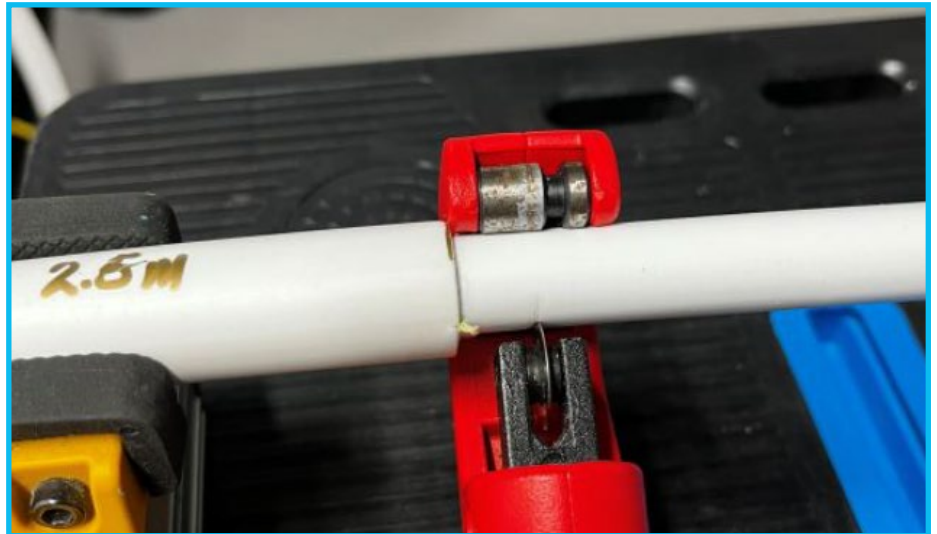
[Figure 4.1]



[Figure 4.2]

You have now exposed the white upper absorbent layer.

Use the pipe cutter as close to the first ring cut as possible and score the white layer [figure 4.3]. Because this material is so soft, the pipe cutter will only provide a mark for the actual cut required later on.

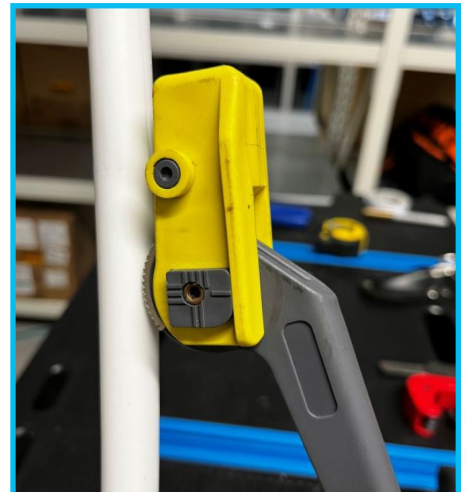


[Figure 4.3]

To remove the white layer you will need to use your sheath ripper [figure 4.4] to cut the entire length of the exposed cable down to the ring mark made earlier [figure 4.5].



[Figure 4.4]



[Figure 4.5]

5

Once the armour and white super absorbent layer have been removed, you can move on to removing the inner sheath and exposing the fibre [figure 5.1].



[Figure 5.1]

Again, start with a fistful of cable. Removing this will expose the ripcords [figures 5.2 & 5.3].



[Figure 5.2]



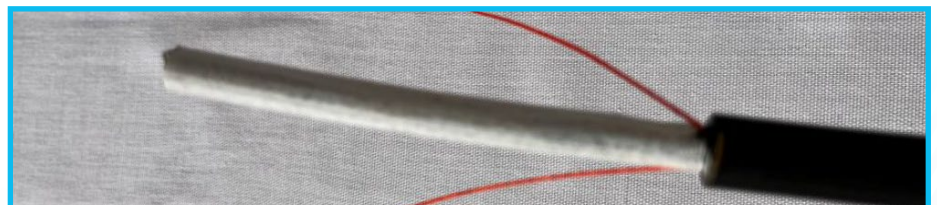
[Figure 5.3]

6

By removing the end of the inner jacket, the ripcords will be exposed. On both sides of the the cable you will see and feel small ridges - they are ripcord identifiers. To assist starting the ripcord, it may be easy to use a knife to make a small nick along the ripcord identifiers.



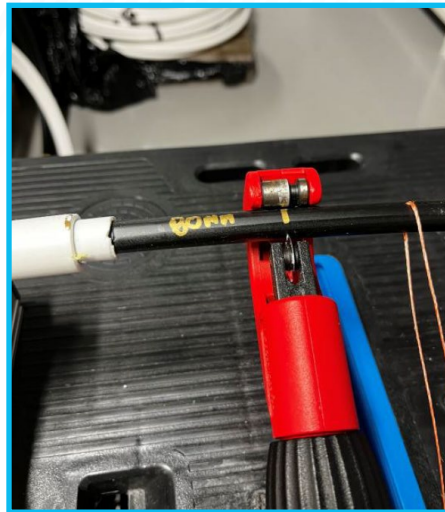
[Figure 6.1]



[Figure 6.2]

To locate the ring cut of the inner jacket, make a mark at 80mm from the outer jacket ring cut [figure 6.3]. This is required inside the Apex X-2 series.

Using a pair of long nose pliers can help start the ripcords, then once you have enough purchase you can pull by hand [figure 6.4].



[Figure 6.3]



[Figure 6.4]

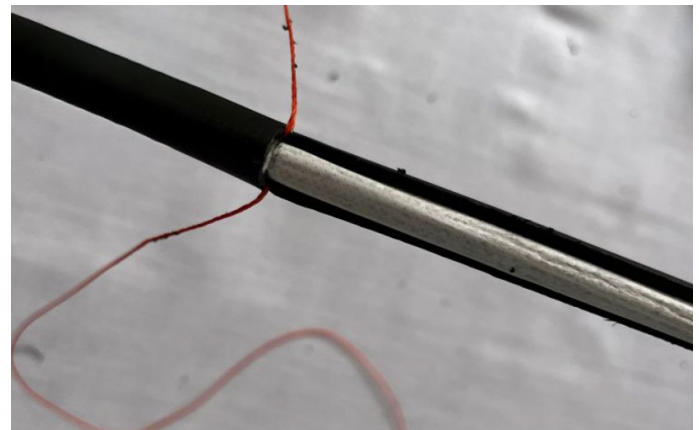
7

Once the ring cut has been completed [figure 7.1], you can finish pulling the ripcords to the ring cut.

Next, remove the inner jacket and expose the fibre [figure 7.2]. Take a lot of care at this stage. Cut off the ripcords and prepare the cable for the Apex X-2 series.



[Figure 7.1]



[Figure 7.2]

8

To complete the cable preparation, you need to keep 220mm of the moisture wrap material intact by placing 50mm strips of PVC tape at regular intervals along the moisture blocking tape [figure 8.1]. This is part of the Apex X-2 series installation.



[Figure 8.1]

