

Installation of Expandable Sleeving over Prysmian FlexRibbons™

This procedure shows how to quickly place expandable sleeving over FlexRibbons. This is much easier to do with Prysmian's FlexRibbon tubes than tape-wrapped bundles, thread-wrapped bundles, or slotted cores.

FlexRibbon™ tubes are made with very thin walls, to reduce cable OD. As a result, they are not suitable for routing directly to splice trays or storage baskets. Prysmian Group recommends using this procedure instead.

1.0 Determine the total length of bare FlexRibbon and tube you will need in the closure. Measure and mark the jacket accordingly. Remove the jacket using standard procedures for all-dielectric, stranded loose-tube cables. Take care not to cut too deeply or you may damage tubes, fibers and/or ripcords.

2.0 Cut a piece of expandable sleeving to the desired length.

3.0 Slide the sleeving over the intact tube (do not cut or remove the tube yet). The sleeving can be slid more easily when compressed and expanded.

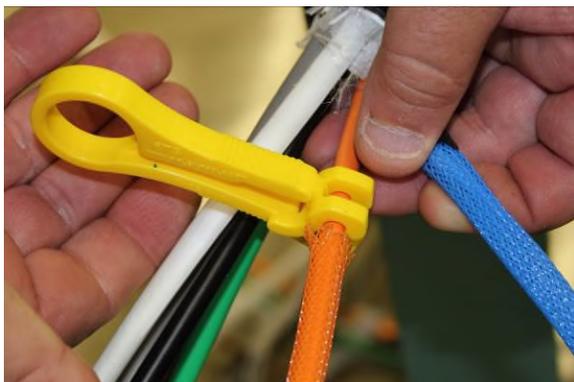


The pictured material is Techflex Flexo PET 3/8" (www.techflex.com). Other materials can be used, provided they don't put excessive pressure on the fibers, or kink when stored.

3.1 Stop sliding the sleeving just before it has covered the point at which the tube will be cut.

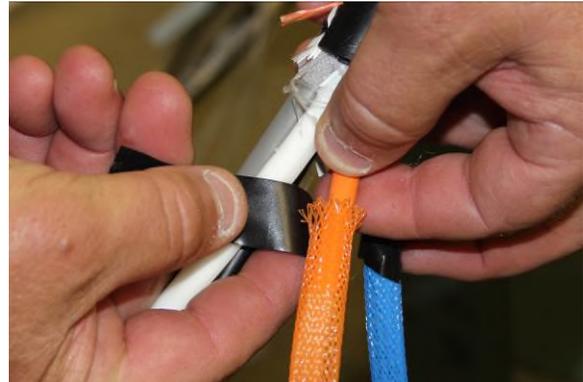
4.0 Score the tube circumferentially. Be sure to NOT cut completely through the tube.

The Miller FST is approved for this use and is shown in the photo on the left. The Jonard MS-326 is also approved (use slot for 7.2-7.8 mm) and is shown in the photo on the right.



5.0 Slide the expandable sleeving past the score line and tape it in place.

Tesa 51606 tape has been found to work well with the pictured sleeving. Any tape that adheres well to both the sleeving and the tubes can be used, provided it is temperature stable throughout the life of the installation.



6.0 Flex the tube at the score line to snap it.

7.0 At the far end, simultaneously pull the tube while pushing on the sleeving. This will pull the tube off the FlexRibbons and out of the sleeving.

