

RECOMMENDED Procedure

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SP-F02-023 DriCore© Armorlux™ Extra Cable Preparation

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1.0 General

This procedure describes the standard technique for preparing Sumitomo Armored Drop Cable for splicing and testing.

2.0 Safety Precautions

The use of safety equipment is strongly recommended during the entire installation procedure. This includes the use of protective clothing and eyewear.

3.0 Tools Required

The following tools and materials are required to complete this procedure:

1. Tape Measure
2. Utility Knife
3. Scissors
4. Paper Towels
5. White Marking Pen
6. Needle Nose Pliers
7. Buffer Tube Remover (Blue coaxial cutter)

4.0 Cable Preparation

- 4.1 Measure the required amount of cable to be stripped (follow recommended length prescribed by enclosure manufacture which is typically 8 - 12 feet) and mark the sheath with a white marking pen.
- 4.2 Mark the point where the armor will terminate, if it is to be exposed for bonding.
- 4.3 Mark the point where the buffer tube will terminate.
- 4.4 At the buffer tube termination point, ring cut the outer sheath and score the armor with a utility knife or sheath knife. Ring cut the sheath approximately 3" from the end of the cable.

CAUTION: Be sure to cut through the outer sheath and only score the armor, but do not cut the armor.

- 4.5 Bend the sheath gently at the cuts to separate the armor. See Figure 1.

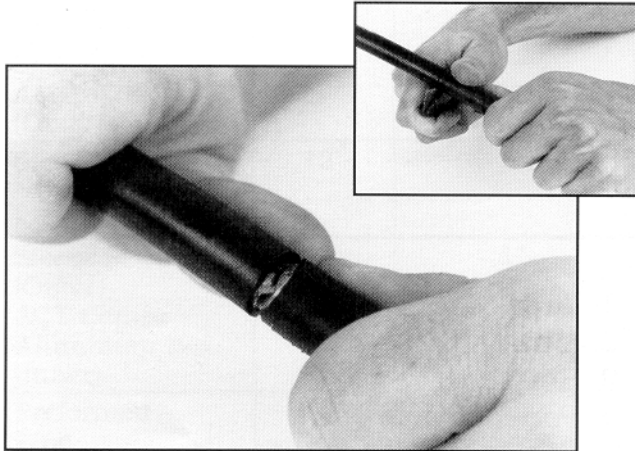


Figure 1

- 4.6 Slide off to expose strength members, ripcords and buffer tube.
- 4.7 Cut the strength members.
- 4.8 Remove the buffer tube by scoring it with the Buffer Tube Remover and bending it to snap the tube. Slide the separated tube/strength members/armor/sheath off the fiber. Clean the fiber.
- 4.9 Open a window in the cable at the jacket termination point, (or armor termination point if bonding) as done in Steps 4.4 through 4.7 above.
- 4.10 Slide the strength members/armor/sheath off the buffer tube.
- 4.11 If the armor is to be exposed for bonding, ring cut the jacket at the jacket termination point. Slice the jacket longitudinally to the end and peel the jacket from the armor.