

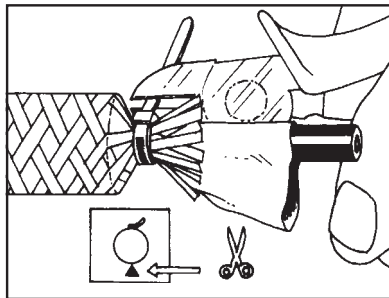
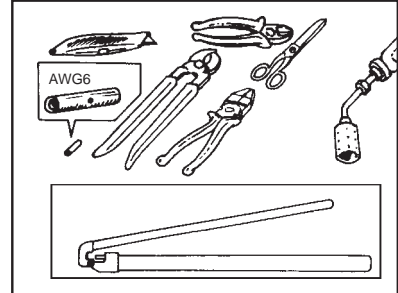
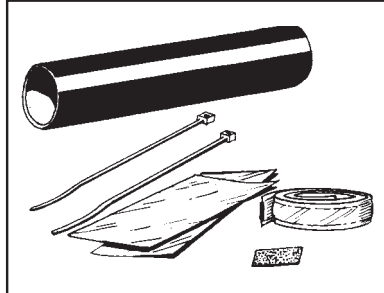


Kit Components

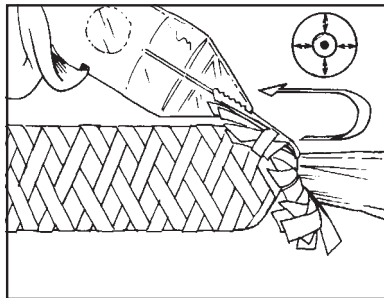
- 1 pc. 16" CPSM-50/18-400-U Tubing
- 1 pc. 24" FILR/160 Mastic Strip
- 2 ea. 7" Tie Wraps
- 2 ea. Aluminium Tape 4" X 6"
- 1 ea. Abrasive Paper
- 1 ea. Instruction Sheet

Installer Equipment

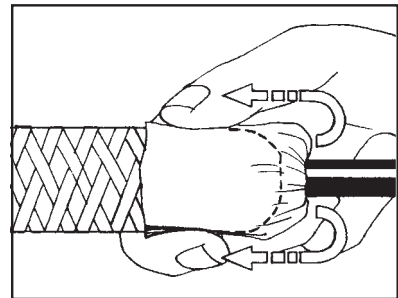
- Appropriate Size Crimp and Crimping Tool
- Knife and Scissors
- Pliers and Wire Cutters
- Raychem torch or equivalent



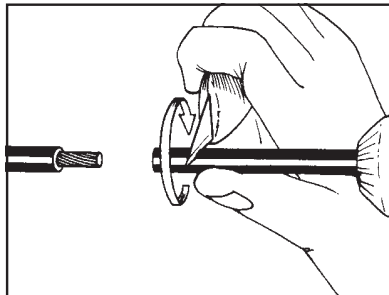
Use tie wraps to secure fabric jacket tightly to the Anodeflex cable to contain conductive filler material (coke breeze). Coke breeze must be tightly compacted at the end.



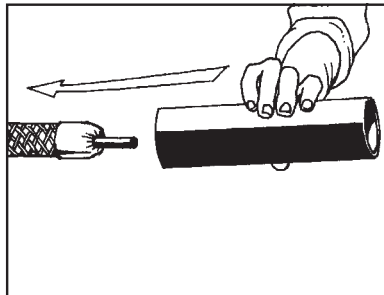
Trim the end of the tie wrap as close as possible, as shown in previous step. Pull the loose strings of braiding back with a plier to center the polymeric cable anode into the coke breeze.



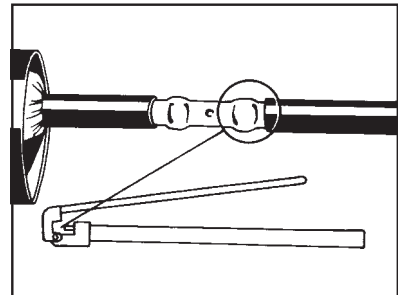
Fold the fabric back over the tie wrap. In order to fold the fabric back, it will be necessary to make a longitudinal cut in the loose fabric. Make sure the cut is opposite to the tie wrap closure.



Remove 5/8" to 3/4" of the cable jacket by cutting around the jacket material approx. 1/16" deep and flexing the end with pliers, the jacket material will be easily removed.

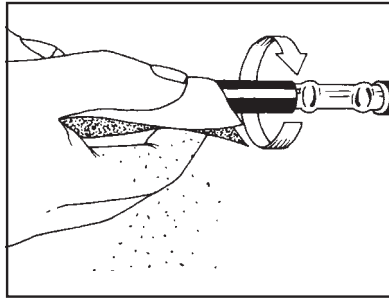


Before crimping wire ends slide the CPSM tubing onto one end.

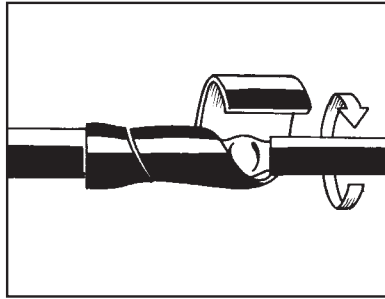


Crimp wire ends using the appropriate size crimp. Anodeflex is AWG 6. If splicing Anodeflex to a different gauge wire, "C" type dual gauge crimps can be used.

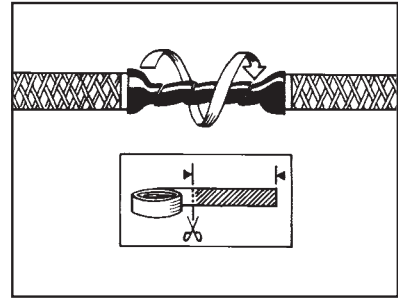
AFLX-1500-01-Splice



Lightly abrade exposed Anodeflex cable with abrasion paper supplied in kit. Wipe off remaining PE particles with a clean dry cloth.



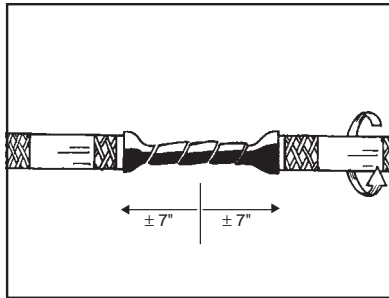
Cut a piece of mastic 2" to 2.5" long. Wrap tightly over the crimp area. The mastic can be stretched to insure good conformity.



Beginning a min. of 1" up on the fabric covered cable, spirally wrap the remaining strip of mastic ($\pm 14"$) across the splice area and back up onto the fabric on the opposite side.

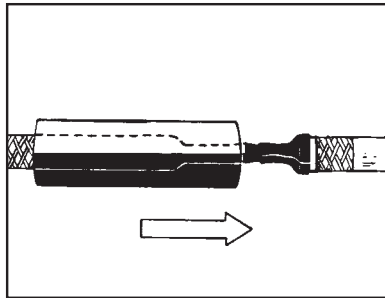
Notes:

- The mastic strip should be stretched approx. 50% during the wrapping.
- Be sure that mastic build up on lead wire is a minimum of .75" diameter to ensure there are no gaps between mastic and recovered tubing.

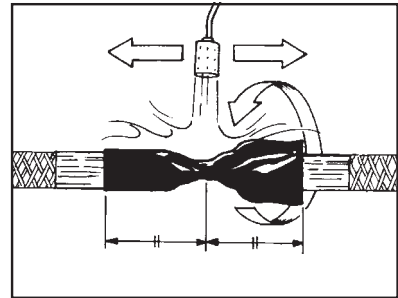


Apply the 4" wide aluminium tape to the fabric jacket on each side of the splice with the inside edges of the tape $\pm 7"$ from the center of the crimp.

Note: The aluminium tape is necessary to protect the fabric jacket from burning during torch recovery of the CPSM.

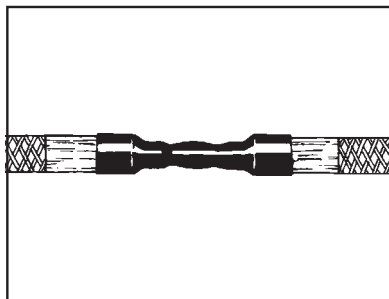


Slide the 16" long CPSM tube over the splice area. A minimum of 2" of aluminium tape should be exposed at each end of the tubing. The tape can be repositioned if necessary.



Using an FH-2616 or equivalent torch, begin heating circumferentially at the center of the splice, shrinking the CPSM tube towards one end and then the other.

Caution: When shrinking the ends, keep flame directed away from the fabric jacket.



After shrinking, the CPSM tube should conform tightly to the splice area with no air bubbles, voids or cold spots (dimples on the surface). Allow the splice to cool (± 15 min.) before burying.

Special Note:

The FH-2616 torch has been designed to burn with a bushy, medium intensity flame for the correct heating of shrink tubing. The use of small diameter or pencil tip, high intensity propane or oxy/acetylene torches could cause rapid overheating of the tubing, damaging the tubing and/or the Anodeflex fabric jacket.

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Tyco
Adhesives
Corrosion Protection Group
www.TycoAdhesives.com

Headquarters:
Tyco Adhesives
1400 Providence Hwy
Norwood, MA 02062 USA
Int'l Tel: +1 781 440-6161
US Toll Free: +1 800 248-0149
Fax: +1 781 440-6271
E-mail: CPG@TycoAdhesives.com

**In Europe, Middle East, Africa,
Asia & Pacific:**
Tyco Adhesives B.V.B.A.
Nieuwlandlaan B15
B-3200 Aarschot, Belgium
Tel: +32 16 55 36 00
Fax: +32 16 55 36 74
E-mail: CPGE@TycoAdhesives.com

In the Americas:
Tyco Adhesives L.P.
1675 Suite C Brandywine Avenue
Chula Vista, CA 91911 USA
Tel Mexico: +52 (66) 23-34-33
Tel US: +1 (619) 4 24 42 59
Fax Mexico: +52 (66) 23-64-63
Fax US: +1 (619) 4 24 42 58
E-mail: CPGTJ@TycoAdhesives.com