



Cold Shrink™

Portable Cable Splice Kits

2237A and 2238A

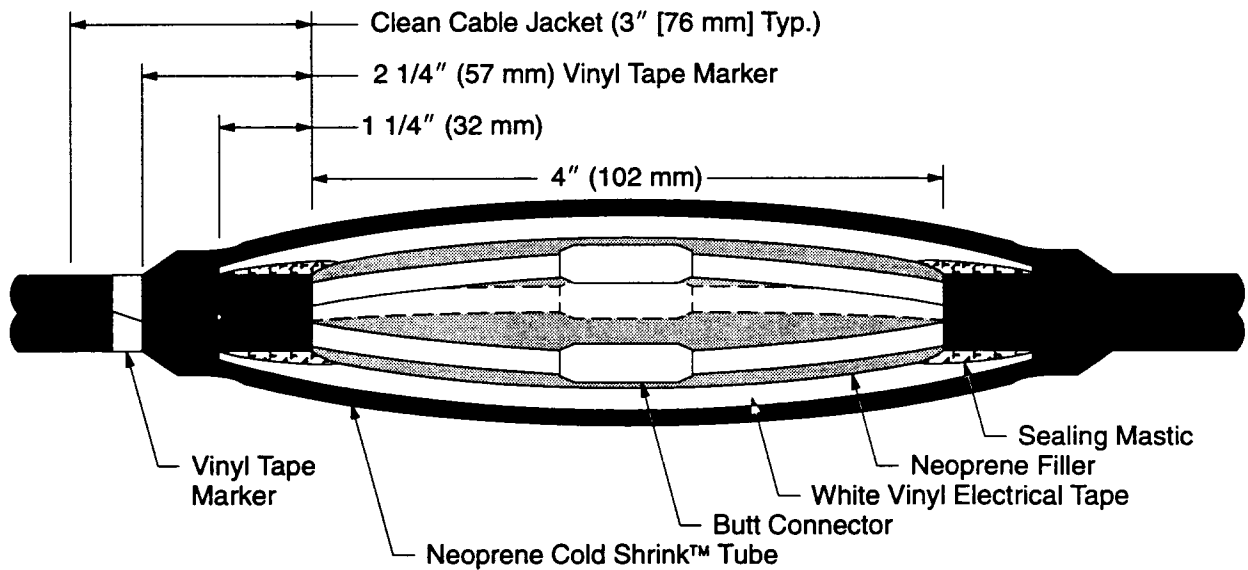
Instruction Sheet

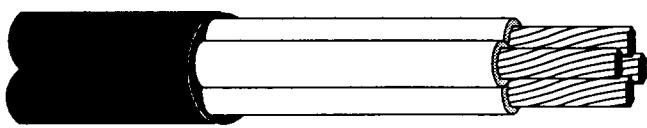
Voltage Rating:

To 1000 V

Kit Contents:

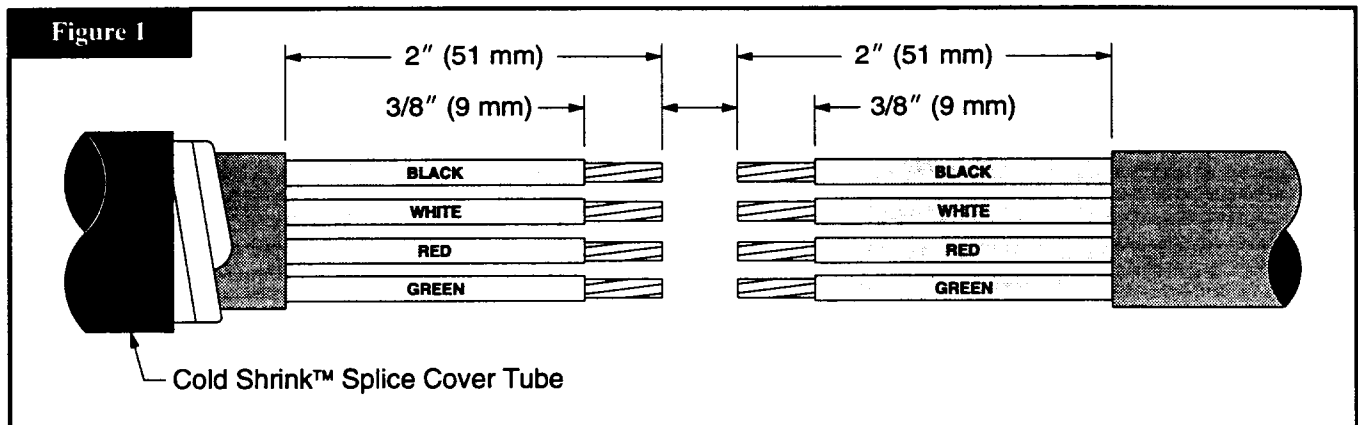
- 1 Neoprene, Cold Shrink™ Tube
- 1 Neoprene, Filler
- 5 Butt Connectors
- 2 Strips, Sealing Mastic
- 1 Abrasive Cloth
- 1 Roll, White Plastic Electrical Tape
- 1 Instruction Sheet



 <p>4 Conductor Portable Cable</p>		3M Cold Shrink™ Portable Cable Splice Kits	
		2237A 2238A	
		2237A for 4 Conductor 12 – 10 AWG (2,5 – 6,0 mm ²) 2238A for 4 Conductor 8 AWG (10 mm ²)	
78-8096-4735-3			
NUMBER OF PAGES: 4	SCALE: Not to scale		
ISSUE DATE: 1/2/96	ISSUE: B		

A. Prepare Cables

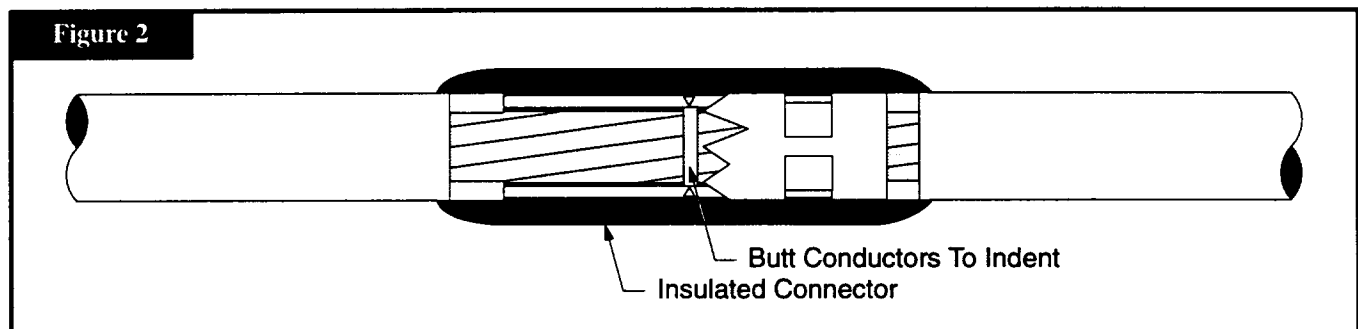
1. Remove cable jacket for 2" (51 mm) on each cable to be joined (*Figure 1*).
2. REMOVE ALL FILLER MATERIAL.
3. Remove individual wire insulations for 3/8" (9 mm) at the end of each conductor (*Figure 1*).
4. SLIDE COLD SHRINK™ SPLICE COVER TUBE ONTO THE CABLE.



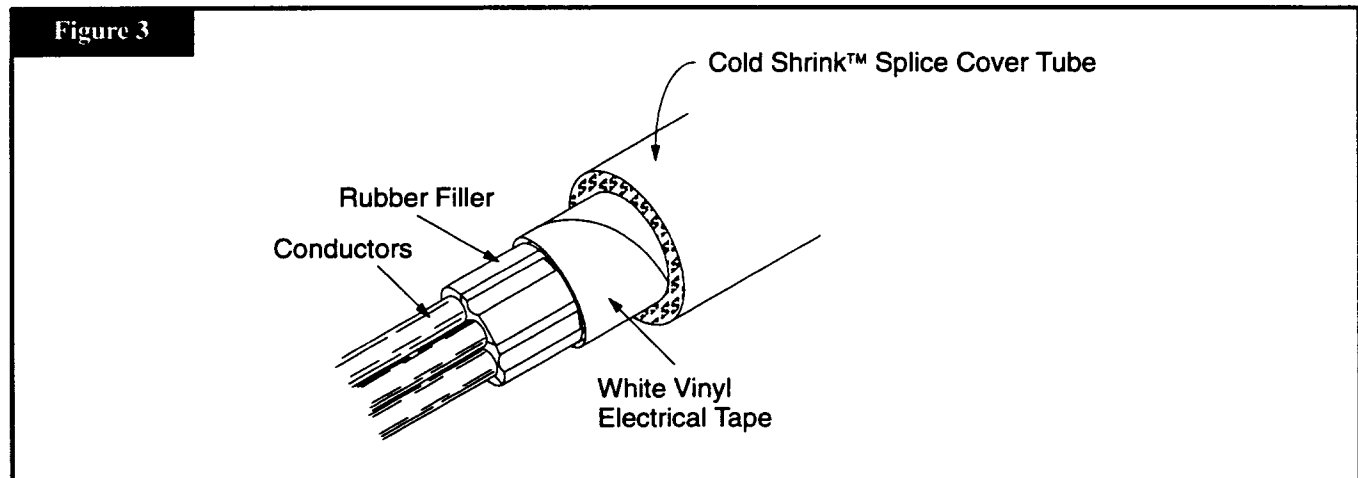
B. Install Connectors

1. Install and crimp connectors. Each connection should be made black to black, white to white, red to red and green to green (*Figure 2*). BE SURE CONDUCTORS BUTT INDENT IN CENTER OF CRIMP CONNECTOR BEFORE AND WHILE CRIMPING (*Figure 2*).

NOTE: Use proper crimping tool only: Scotchlok™ TH-450 or equal.

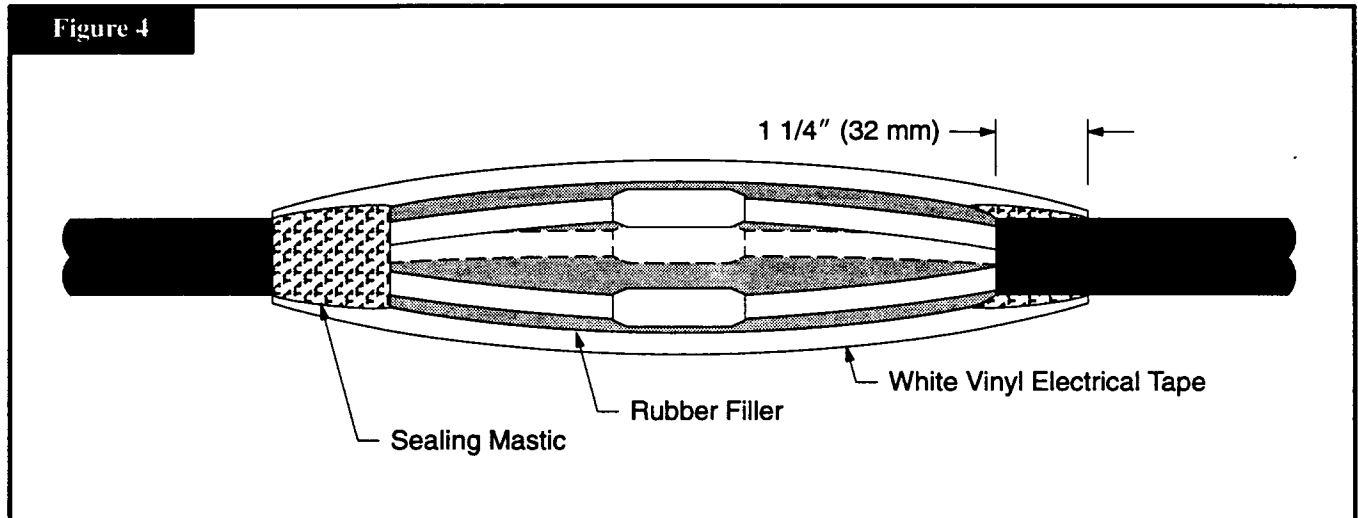


2. Spread conductors. Install rubber filler by inserting ends first, then twist and squeeze spliced conductors until rubber filler covers all conductors (*Figure 3*).
3. For a distance of 3" (76 mm), clean the cable jackets of both cables next to the splice opening using the abrasive cloth provided.



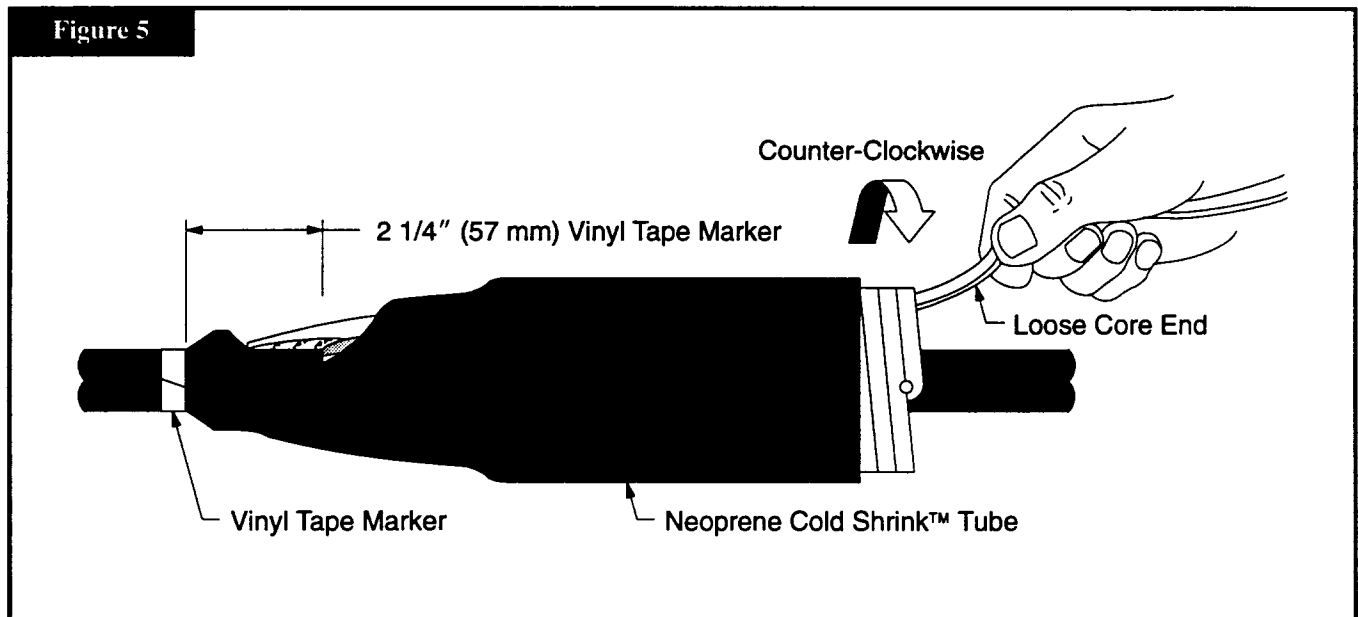
B. Install Connectors (continued)

4. Wrap one mastic sealing strip at each end of rubber filler. Extend each wrap 1 1/4" (32 mm) onto the cable jacket, while stretching mastic to approximately 50% of original width (*Figure 4*).
5. Wrap one half-lapped layer of White Vinyl Electrical Tape over filler and applied mastic (*Figure 4*), adding additional wraps of vinyl tape over area between jacket edge and filler to smooth transition from jacket and filler edges. Apply the tape with high tension over the filler and light tension over the mastic. **MAKE SURE TAPE DOES NOT EXTEND BEYOND MASTIC AT EITHER END OF SPLICE.**



C. Install Cold Shrink™ Splice Cover Tube

1. Position Cold Shrink™ cover tube over splice so leading edge of rubber (not inner core) aligns with edge of vinyl tape marker (*Figure 5*). **BE CAREFUL NOT TO ALLOW CORE TO START UNWINDING BEFORE COLD SHRINK™ SPLICE COVER TUBE IS POSITIONED**
2. Remove core by unwinding in counter-clockwise direction, starting with loose end
TIP: An occasional tug of the strand while unwinding will aid in removal of the core.
NOTE: Make sure that the Cold Shrink™ splice cover tube does not move while the core is removed. Check to make sure the the entire core has been removed.



3. In cold weather the Cold Shrink™ splice cover tube may not collapse tightly. Warm tube ends by holding with clenched fists for several minutes.

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78-8096-4735-3 (B)

**STRUCTURAL SPECIFICATION FOR
PRINTED INSTRUCTION SHEETS FOR ELPD**

78#: 78-8096-4735-3
Issue #: (B)
Date: 1/2/96

SCOPE: THIS SPECIFICATION ADDRESSES THE STRUCTURAL OPTIONS FOR THE PRINTING OF INSTRUCTION SHEETS. GRAPHIC ART, WITH A CONTROL NUMBER (78-XXXX-XXXX-X), MUST BE ATTACHED TO THIS STRUCTURAL SPECIFICATION IN ORDER TO CREATE A MATERIAL PURCHASE SPECIFICATION.

MATERIAL: 60# OFFSET

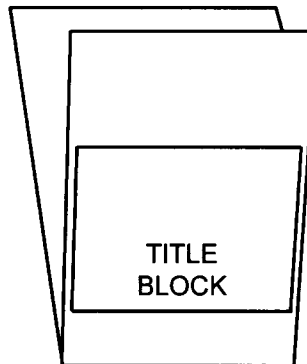
COLOR: WHITE

INK COLOR: BLACK

ADDITIONAL INFORMATION:

1. VENDOR TO MAKE PART NO. 78-8096-4735-3 (B) PER STYLE BELOW.
2. VENDOR MAY SUBSTITUTE GLUE WHERE STITCHING IS CALLED OUT IF IT REDUCES THE COST TO 3M.

(4 page, double center folded)



8 1/2" x 11" SHEET CENTER FOLDED TO 4 1/4" X 11"
THEN FOLDED TO
4 1/4" X 5 1/2"
WITH TITLE BLOCK FACING OUT