

# Installation Instructions: ECS-G3

## Jacketed Cable Grounding and Sealing Kit

### for Jacketed Copper Tape Shielded Cable

**200 ECS-G3 - Cable O.D. Range 0.80"-1.50" (20-38mm)**  
**600 ECS-G3 - Cable O.D. Range 1.28"-2.30" (32-58mm)**

**CONTENTS:** Cold Shrink Tube, 3-Mastic, Flat Copper Braid equivalent to #10 AWG conductor, Conductive Copper Tape, Spring Coil, Installation Instructions.

#### DANGER

All apparatus must be de-energized during installation or removal of part(s).

Do not touch or move energized products in the work area.

These instructions do not attempt to provide for every possible contingency.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD® OFFICE.

All apparatus must be installed and operated in accordance with individual user, local and national work rules and electrical standards.

If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

Inspect parts for damage, rating and compatibility with mating parts.

Excess distortion of the assembled product may result in its failure.

#### Limited Warranty:

1. T&B warrants that its products will be free from defects in materials or workmanship for a period of two (2) years, except for tools which are warranted separately (see warranty accompanying those products). Fisher Pierce® products and Elastimold® Reclosers are warranted for three years; and Joslyn™ VBT and VBU capacitor switches are warranted for four years or 40,000 operations whichever occurs first. Upon prompt notification of a warranted defect, T&B will, at its option, repair or replace the defective product.
2. In no event shall T&B be liable for any consequential, indirect or special damages, nor will T&B be liable for transportation, labor, or other charges arising out of the removal or reinstallation of its products. Liability for breach of warranty is limited to the cost of repair or replacement of the warranted product only.
3. Misuse, misapplication or modification of T&B products immediately voids all warranties.

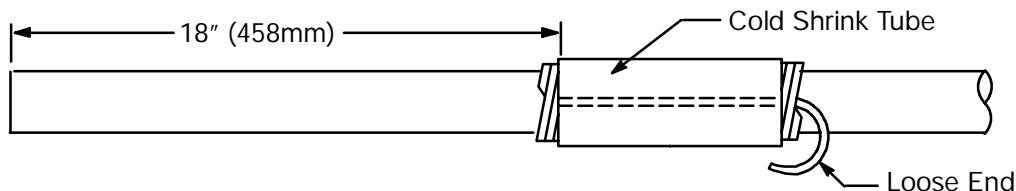
THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED.

#### IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

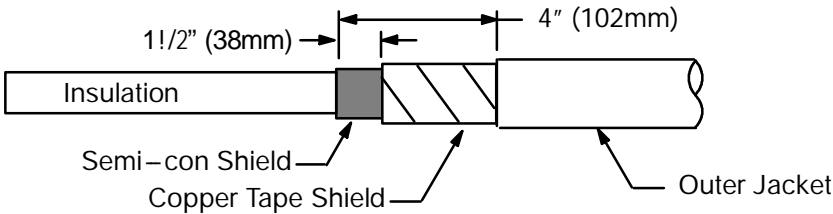
#### STEP 1

Wipe the outer jacket clean a distance of 30" (750mm). Slide cold shrink tube (loose end first) onto the cable a distance of 18" (458mm).



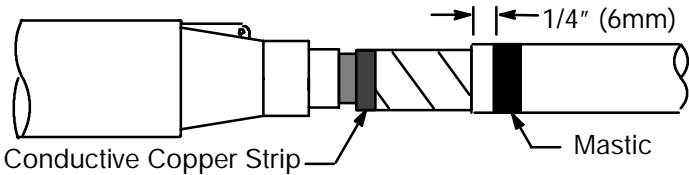
**STEP 2**

Remove the outer jacket for a distance of 4" (102mm) beyond the semi-con shield skive dimension recommended by product manufacturer. Remove copper tape shield for a distance of 1 1/2" (38mm) from the end of the semi-con shield.



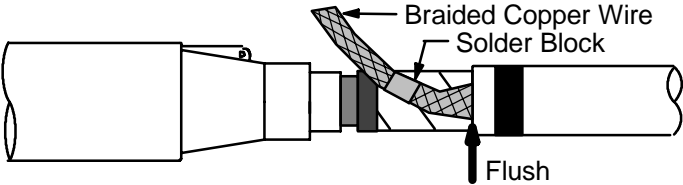
**STEP 3**

Wrap conductive copper tape around the edge to keep the copper tape shield in place. Install the desired product per the manufacturer's instructions included with the product. Apply one wrap of mastic.



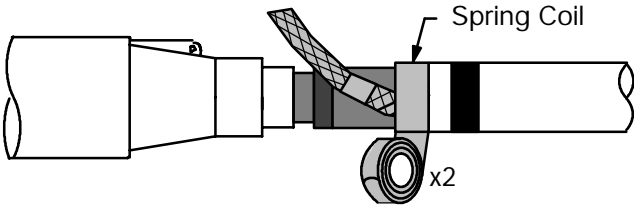
**STEP 4A**

Slightly flare the end of the braid with the solder block and place it on the copper shield, flush against the cable jacket.



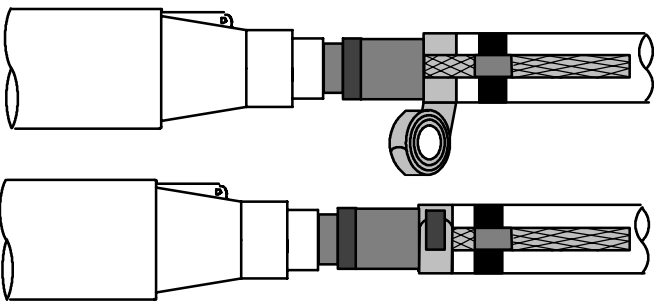
**STEP 4B**

Wrap the spring coil around braid and cable two complete turns.



**STEP 4C**

Bend braid back over the spring and wrap the remainder of the spring coil around the braid and cable. Finger tighten the spring coil and secure the end of the coil with a short piece of copper tape. Be sure the solder block of braid is centered on top of the mastic tape.

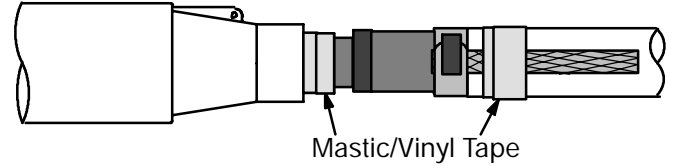


## STEP 5

Apply mastic over the braid, as shown.

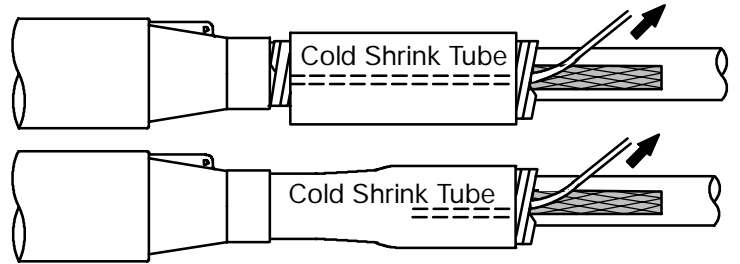
Over wrap mastic with two half-lapped layers of vinyl tape.

Wrap the third piece of mastic around the cable entrance of the connector being used. Over wrap mastic with two half-lapped layers of vinyl tape.



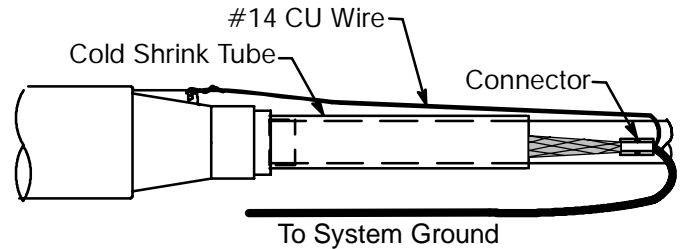
## STEP 6

Pull loose end from back and unwind cord in clockwise direction until plastic core is flush with end of cold shrink tube. Slide cold shrink tube into position and continue to unwind cord in clockwise direction. Cold shrink tube will collapse at product end first. **IMPORTANT:** When no cable adapters are used, tube must overlap elbow or joint end at least 1" (25mm) for a proper seal. When cable adapters are used, tube must overlap adapter and butt against accompanying housing for a proper seal.



## STEP 7

Using suitable connector (Not Supplied), ground assembly in accordance with standard utility practices.



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