

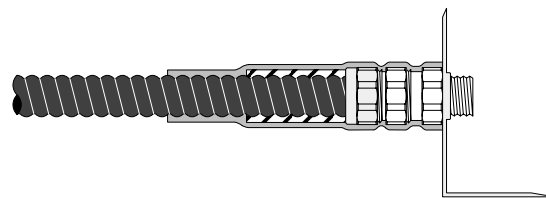


# Cold Shrink

## Corrosion Protection Kit

### CPT Series

#### Instruction Sheet



**Conforms to ANSI Standard C119.1**  
**For Standard and Hazardous Locations**

#### Kit Contents:

- 1 Cold Shrink EPDM Rubber Insulator Assembly
- 1 Cold Shrink Adapter Assembly (CPT-1/2, CPT-3/4 & CPT-1)
- 1 Instruction Sheet
- 1 Mastic Seal Strip Pack (CPT-1/2 through CPT-2)
- 1 Mastic Seal Strip Roll (CPT-2 1/2 through CPT-4)

#### Sizing Guide

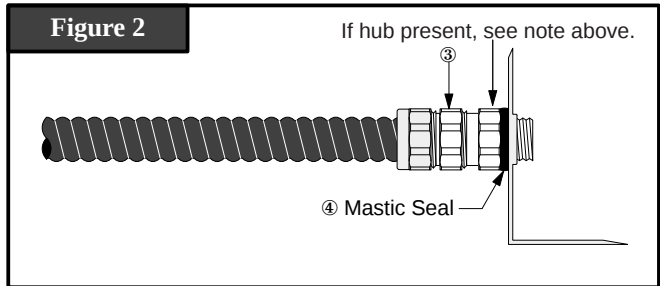
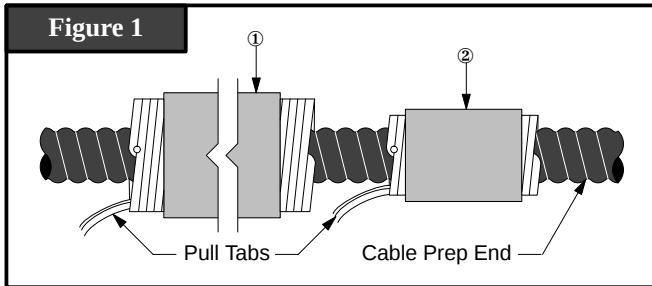
| Product Number | Cable O.D. (Minimum) | Connector      |                          |
|----------------|----------------------|----------------|--------------------------|
|                |                      | Maximum O.D.   | Maximum Installed Length |
| CPT-1/2        | 0.50" (13 mm)        | 1.60" (41 mm)  | 4.50" (114 mm)           |
| CPT-3/4        | 0.66" (17 mm)        | 1.90" (48 mm)  | 4.80" (122 mm)           |
| CPT-1          | 0.66" (17 mm)        | 2.20" (56 mm)  | 4.80" (122 mm)           |
| CPT-1 1/4      | 1.22" (31 mm)        | 2.65" (67 mm)  | 4.80" (122 mm)           |
| CPT-1 1/2      | 1.40" (36 mm)        | 3.00" (76 mm)  | 5.50" (140 mm)           |
| CPT-2          | 1.68" (43 mm)        | 3.60" (91 mm)  | 6.50" (165 mm)           |
| CPT-2 1/2      | 1.97" (50 mm)        | 4.30" (109 mm) | 8.50" (215 mm)           |
| CPT-3          | 2.60" (66 mm)        | 5.40" (137 mm) | 10.5" (266 mm)           |
| CPT-3 1/2      | 2.90" (74 mm)        | 6.00" (152 mm) | 13.5" (343 mm)           |
| CPT-4          | 2.90" (74 mm)        | 6.00" (152 mm) | 13.0" (330 mm)           |

Table 1

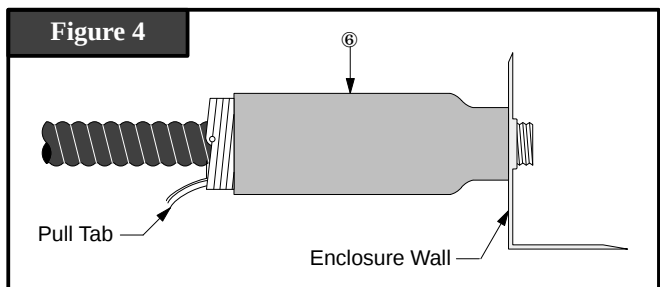
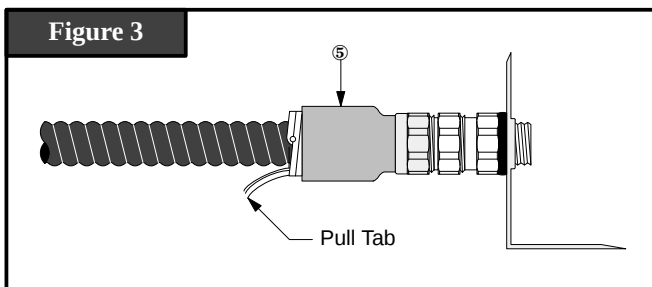
|                                                                                                                                   |                     |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------|
|  <p><b>Corrugated Aluminum Armor Cable</b></p> |                     | <b>3M™ Corrosion Protection Kit</b><br><b>CPT Series</b><br>for Bulkhead Termination Connectors |
| DR.: S. Johnston                                                                                                                  | APP.: R. Soine      |                                                                                                 |
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|                                                                                                                                   |                     | <b>78-8120-1052-4</b>                                                                           |

## Installation:

1. Position Cold Shrink Assembly ① (*Figure 1*) over cable jacket. Direct loose core pull tab over cable as shown.  
**NOTE: CPT-1/2, CPT-3/4 & CPT-1 Kits contain two Cold Shrink Assemblies. Position smaller adapter assembly ② (*Figure 1*) over cable last.**
2. Install bulkhead termination connector according to manufacturer recommendations ③ (*Figure 2—Typical*).  
**NOTE: If a hub is installed between termination and junction box, the cold shrink should be positioned a max of 2" onto the hub. (No mastic required).**



3. Use mastic seal strips (or roll) from kit to fill gap over NPT threads of connector fitting ④ (*Figure 2*). Remove white release liners before wrapping. Build mastic level to flats of hex nut (or flush with surface for round profile connectors). Mastic material may be folded to ease wrapping.
4. **CPT-1/2, CPT-3/4 and CPT-1 Only:** Position Cold Shrink Adapter Assembly as shown ⑤ (*Figure 3*). Install by unwinding loose core pull tab in a counter-clockwise direction around cable.



5. Position Cold Shrink Corrosion Protection Assembly ⑥ (*Figure 4*) over bulkhead termination connector. Install by unwinding loose core pull tab in a counter-clockwise direction around cable. Rubber sleeve should make contact with enclosure wall during installation.

**NOTE: Plastic core is recyclable**  other

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