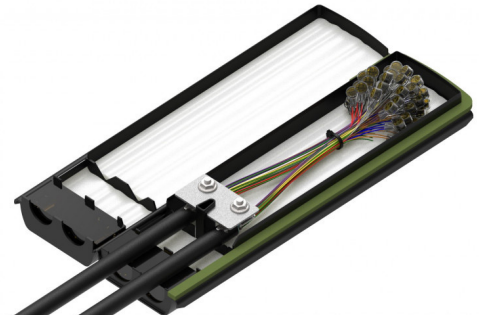




# BLACK-JACK™ CLOSURE

## INSTALLATION INSTRUCTIONS



### IMPORTANT SAFETY INFORMATION

**READ AND COMPLETELY UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLING PRODUCT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**

This product is intended for use by trained technicians only. This product should not be used by anyone who is not familiar with and not trained to use it. When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact. Be sure to wear proper safety equipment per your company protocol. These instructions are not intended to supersede any company construction or safety standards. These instructions are offered only to illustrate safe installation for the individual. PLP products are intended for the specified application only. Do not modify this product under any circumstances. Do not reuse or reinstall any PLP product unless that capability is expressly indicated in the product's Installation Instructions. For proper performance and personal safety, be sure to select the proper PLP product before installation. PLP products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.

## PACKAGE COMPONENTS



1. Restraining Post
2. Soft Grommets
3. Fixed V-notch Flaps
4. Hinged V-notch Flaps
5. POLY-BEE™ Sealant
6. One-piece Closure Shell

7. Closing Clamp
8. Bonding Bridge(s)
9. Bonding Bars
10. Gasket

### Tools Required:

- 1/2" Wrench or Socket for 5/16" Module Clamp Hardware
- Torque Wrench
- Ratchet Wrench
- Ratchet Extension Bar
- Tape Measure
- Square
- Chalk Line
- Gloves

**THIS PRODUCT IS RE-ENTERABLE, BUT NOT RE-USABLE.**

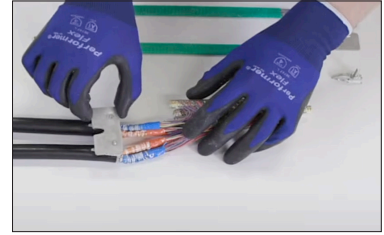
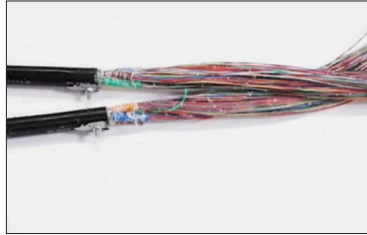
**SP3474-1**

## 25-PAIR & 50-PAIR IN-LINE CABLE CLOSURE

- 1 Prepare cable sheath and shield according to module manufacturer's or your accepted company practices. It is recommended that you remove approximately 16" (400 mm) of cable sheath to avoid crowded conditions.

Install shield bonding hardware (not provided) according to accepted company practices.

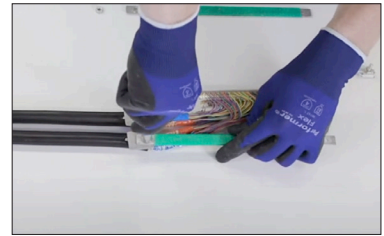
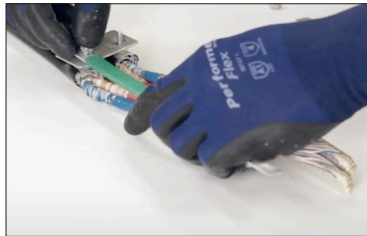
**NOTE:** All shield connectors, including the MINI-MORAY™ Shield Connector, with 3/16" diameter studs, will fit this closure.



- 2 Splice cables according to company practices.

Install bonding bridge and bonding bars on top of bonding bars, as shown on the right, using the nuts provided with the bonding hardware. **Tighten to 40 in-lbs (4.52 Nm).**

**NOTE:** Feed the module between the bonding bars. For multiple modules, distribute evenly (one on top, one on the bottom) to ensure equal distribution of the POLY-BEE™ Sealant.



- 3 Remove release paper on closure. Put on gloves.

With the bonding bridge facing up, position V-Notch of each bridge against restraining post. This would be considered the bottom half of the closure.



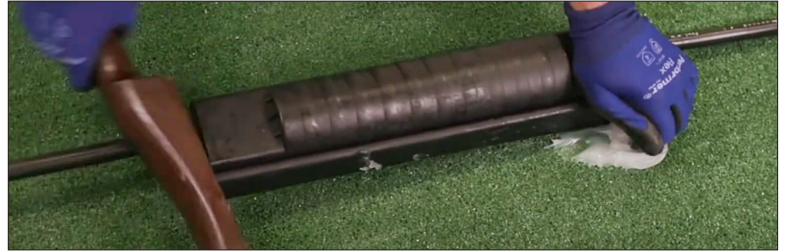
- 4 Push downward on bridges to force splice and cables into POLY-BEE™ Sealant.

Bring the two halves of the closure together as tight as possible. Starting at one end, squeeze halves together enough to start V-notched end of closing clamp.



- 5 Tap the closing clamp slowly with a mallet or hammer to allow the excess POLY-BEE™ Sealant to extrude from the closure. Continue tapping until fully closed.

**NOTE:** To properly seal closure, remember to tap closing clamp slowly. This will allow excess encapsulant to "work out" of opposite end of closure.



## 25-PAIR CABLE CLOSURE FOR BUTT SPLICE

- 1 Prepare cable sheath and shield according to module manufacturer's or your accepted company practices. It is recommended that you remove approximately 16" (400 mm) of cable sheath to avoid crowded conditions.

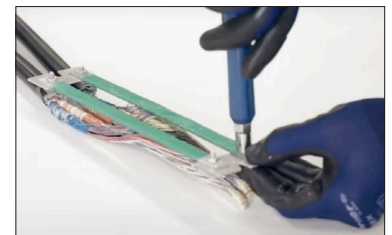
Install shield bonding hardware (not provided) according to accepted company practices.

**NOTE:** All shield connectors, including the MINI-MORAY™ Shield Connector, with 3/16" diameter studs will fit this closure.



- 2 Splice cables according to company practices.

Install bonding bridge and bonding bars on top of bonding bars, as shown on the right, using the nuts provided with the bonding hardware. **Tighten to 40 in-lbs (4.52 Nm).**



- 3 Remove release paper on closure. Put on gloves.

With the bonding bridge facing up, position V-Notch of each bridge against restraining post. This would be considered the bottom half of the closure.





- 4 Push downward on bridges to force splice and cables into POLY-BEE™ Sealant.

Bring the two halves of the together as tight as possible.

Starting on the end of the closure opposite the cable, squeeze halves together enough to start V-notched end of closing clamp.



- 5 Tap the closing clamp slowly with a mallet or hammer to allow the excess POLY-BEE Sealant to extrude from the Closure. Continue tapping until fully closed.

**NOTE:** To properly seal closure, remember to tap closing clamp slowly. This will allow excess encapsulant to "work out" of opposite end of closure.

