



**PLIDCO® SEALANT INJECTION  
IN DOUBLE SEAL GROOVES  
INSTALLATION INSTRUCTIONS**

**LANGUAGES:**

CLICK ON LANGUAGE DESIRED

**ENGLISH**



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## SEALANT INJECTION IN DOUBLE SEAL GROOVES INSTALLATION INSTRUCTIONS

### **!! WARNING!!**

IMPROPER SELECTION OR USE OF THIS PRODUCT CAN RESULT IN EXPLOSION, FIRE, DEATH, PERSONAL INJURY, PROPERTY DAMAGE AND/OR HARM TO THE ENVIRONMENT.

Do not inject sealant until all aspects of the application are thoroughly analyzed. Do not inject sealant until you read and understand these installation instructions. If you have any questions, or encounter any difficulties using this product, please contact: PLIDCO 440-871-5700

### **READ CAREFULLY**

The person in charge of the repair must be familiar with these instructions and communicate them to all personnel involved in the repair crew.

### **Safety Check List**

- Read and follow these instructions carefully. Follow your company's safety policy and applicable codes and standards.
- The instructions presented here are in addition to the PLIDCO Split+Sleeve Installation Instructions, PLIDCO Hot Tapping+Saddle Installation Instructions and the operating instructions for the sealant gun, provided separately. All instructions must be read and understood fully before proceeding.
- The pre-pack method is recommended for all sealants supplied in stick form. The injection method may also be used for stick type sealants, but must be used for liquid type sealants.
- During the installation procedure, those installing the PLIDCO product must wear, at minimum, Z87+ safety eyewear and steel toe safety footwear.
- If the pipeline has been shut down, re-pressuring should be done with extreme caution. Re-pressuring should be accomplished slowly and steadily without surges that could vibrate the pipeline and fitting. Industry codes and standards are a good source of information on this subject. Except for testing purposes, do not exceed the design pressure of the PLIDCO product. Personnel should not be allowed near the repair until the seal has been proven.

## **Installation Using Pre-pack Method**

1. Fill the sealant gun with sealant following the operating instructions for the sealant gun. If the sealant is in stick form it is helpful to roll out the stick, thus reducing the diameter, making it easier to slide into the sealant gun.
2. By hand, fill all longitudinal and circumferential sealant grooves with sealant to approximately the height of the gaskets. It is helpful to first roll out the sealant into pieces approximately the size of a pencil. The sealant grooves are located between the double gaskets.
3. Remove all button heads and leave the sealant cocks in an open position. This will allow excess sealant to escape.
4. Assemble the sleeve following the PLIDCO Split+Sleeve Installation Instructions or the PLIDCO Hot Tapping+Saddle Installation Instructions.
5. Pump sealant through all button heads and/or sealant cocks, if provided, until sealant is observed on the inside of the port (vent). Insure the sealant cock is in the open position before pumping sealant.
6. Replace all button heads and close all sealant cocks.
7. The sleeve may be pressure tested at this time.
8. If leakage occurs, additional sealant should be pumped into the sealant port nearest the leak until a seal is achieved. Note: Slow and careful pumping is required to prevent displacing the gaskets. Do not pump in more sealant than required to achieve a seal.

## **Installation Using Injection Method**

1. Assemble the sleeve following the PLIDCO Split+Sleeve Installation Instructions or the PLIDCO HotTapping+Saddle Installation Instructions.
2. Fill the sealant gun with sealant following the operating instructions for the sealant gun.
3. Remove all button heads, except one. Insure all sealant cocks are in the open position. For liquid type sealants, the sealant cocks on the underside of the sleeve should be left closed to prevent sealant from running out.
4. Using the remaining button head, inject sealant until it is observed coming out of an open port. Install a button head and/or close the sealant cock on this same port. Sealant may now be injected into this same port. This procedure should be followed for the remaining ports, observing that sealant has reached all ports.
5. If a liquid type sealant is being used, it is recommended sealant injection start at a bottom port.
6. Sealant must be injected into all sealant cocks to insure a seal around the sealant cock stem.
7. The sleeve may be pressure tested at this time.
8. If leakage occurs, additional sealant should be pumped into the sealant port nearest the leak until a seal is achieved. Note: Slow and careful pumping is required to prevent displacing the gaskets. Do not pump in more sealant than required to achieve a seal.