



WESTERN
FIBERGLASS INC

CO-FLEX PIPE INSTALLATION INSTRUCTIONS

707-523-2050

www.westernfg.com

BEFORE YOU BEGIN...

- Read these instructions in their entirety before beginning your project.
- Check your measurements before ordering.
- Confirm number of fittings needed.
- Upon arrival, inspect your pipe. Be sure to report any nicks or scratches to the carrier!

CUTTING AND MEASURING...

- Measure the first run of pipe between the 2 pipe fitting and add about 15" – 20" to the length and cut.
- Measure between the Rockguard fitting and cut the Rockguard.
- Insert the Co-Flex pipe into the Rockguard and set into the trench.

PREPARE YOUR FITTINGS...

- Clean the parts with acetone. Keep the area and parts free from particles
- Check to make sure barbs on pipe fittings are free of particles and metal spurs
- Align your tools and parts in a clean area

TOOLS & PARTS NEEDED...

- 5/16" nut driver
- 3/8" torque wrench and 7/16" deep socket
- Pipe stripper
- Hook blade
- Lube bonder + mixing tip
- Lube bonder gun (not shown)
- Test boot (if required)
- Pipe clamps
- Screw gun
- White Lithium spray grease
- NEW - Do not use heat gun!



STRIP END OF PIPE...

- Measure 3.5 to 4 inches from the end of the pipe and mark.



STRIP END OF PIPE...

- Place the pipe stripper on the Co-Flex pipe with the blade away from the end of the pipe.



STRIP END OF PIPE...

- Tighten the collar slightly.
- Turn the pipe stripper in clockwise direction. If the stripper is hard to turn, loosen slightly.
- Use caution, stripper may want to corkscrew.
- Turn 360 degrees and tighten slightly.
- This procedure may need to be repeated 2 – 3 times.



STRIP END OF PIPE...

- Use a hook blade knife. Place hook in the small indentation of the secondary.
- Carefully cut the outer secondary up to the 4" mark.
- Use caution to keep knife at a 45 -60 degree angle to prevent scarring the pipe.
- Always cut away from your body!



STRIP END OF PIPE...

- Tear off the outer secondary at the 4" mark.



PIPE FITTING...

- Place test boot (if required) over the pipe first.



PIPE FITTING...

- Spray the inside of pipe clamps with white lithium grease.
- Spray the bolt also.
- Place the pipe clamps onto the pipe with the bolts in opposite directions.



PIPE FITTING...

- Place a 1/4" bead of lube bonder around the second barb from the end.



PIPE FITTING...

- Insert pipe onto barbs. Insert past the last barb.



PIPE FITTING...

- Note the pipe fitting has been inserted completely.
- Note the direction of the bolts on the pipe clamps.



TIGHTEN CLAMPS...

- Place the 1st clamp $\frac{1}{4}$ " from the end of the Co-Flex pipe.
- Place the 2nd clamp $\frac{1}{4}$ " from the first clamp.



TIGHTEN CLAMPS...

- Tighten slowly, moving the screw gun back and forth. This prevents pinching of the pipe. Do not over tighten at this point.
- Allow lube bonder to set for 1 hour.



TIGHTEN CLAMPS...

- Set the torque wrench to factory specifications and torque the nuts.
- Do this for both clamps.
- Note: Use only 1 clamp for $\frac{3}{4}$ " and 1" pipe.



TIGHTEN CLAMPS...

Factory torque specifications:

- .75" – 60 inch pounds
- 1.0" – 80 inch pounds
- 1.5" – 100 inch pounds
- 2.0" – 120 inch pounds
- Test boot – 60 inch pounds

ROCKGUARD...

- Slide Rockguard over the barb on the penetration fitting or install using a Rockguard boot.

TESTING...

- Pipe is now ready to be tested.
- Test Primary at 50 psi for a period of 1 hour.
- Test Secondary at 5 psi for a period of 1 hour.

FILLING THE SYSTEM...

- Upon completion of connection and testing of your Co-Flex system, initial filling of the system may begin.
- Be careful to provide a venting point or place that will allow any air within the piping to escape during this initial filling.
- Do not operate any pumping devices until all air has been purged from piping system. Small bubbles trapped within the system will be purged under normal operating conditions.
- Do not exceed the safe operating pressure of the Co-Flex piping of 75 psi.

MAINTENANCE...

- Monthly inspections are recommended inside all containment sumps.
- All sumps must be kept free of fuel, water and debris.
- While changing fuel filters, be sure to clean any excess fuel that may spill into the containment sump.
- Any fuel leaks must be reported and investigated by the site owner.
- If any leaks or damage to the piping system are detected, immediately notify Western Fiberglass, 707-523-2050.

TO REMEMBER...

- Always follow local and state regulations.
- Always work in a safe manner.
- Use only WFG approved products.
- Call us if you have any questions or concerns, 707-523-2050.