

PF-FRP SERIES FITTINGS

Single/Double Wall Installation Instructions



IMPORTANT: Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.

WARNING – DANGER: Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards and always use proper precautions.

Step #1: Identify location of penetration; at the center of that location, drill a hole in the sump wall (see hole sizing chart).

Step #2: Scuff the surfaces to be bonded. On the inside and outside of the sump wall, the bonding area, approximately 2.0" wide, should be roughed with 80# sand paper, all the way around the hole. The bottom of the fitting and sump wall should be roughed with 80# sand paper until raw glass fibers can be seen. The length of pipe that will be bonded should also be hand sanded using 80# sand paper—DO NOT USE POWER TOOLS.

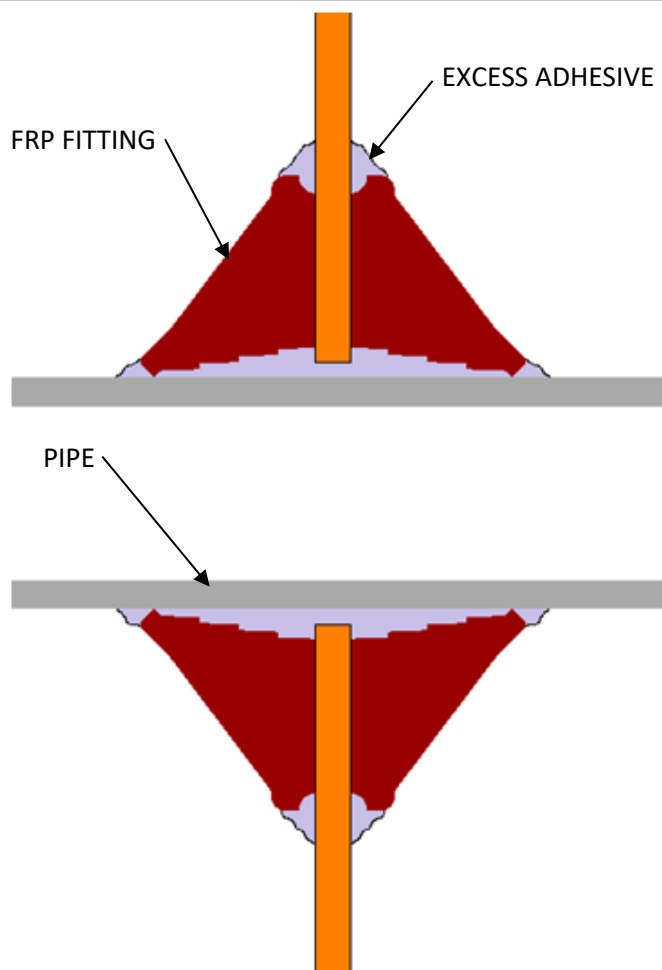
Step #3: Wipe all surfaces with acetone, and dry fit the penetration fitting. Ensure that all points of contact between the sump wall and fitting are properly scuffed. Ensure that all points of contact between the pipe and fitting are properly scuffed. If any area has been missed, be sure to correct the issue before applying adhesive.

Step #4: If using NOV 7000/8000 series epoxy, mix premeasured filler kit thoroughly into adhesive (PSX-34 does not require filler).

Step #5a: Apply a generous amount of adhesive to the inner surface of the fitting and the outside of the pipe, as well as the bottom flange on the fitting and the sump wall. Slide the fitting up to the sump wall until adhesive begins to squeeze out. There will be excess adhesive squeezed out when this process is done properly—wipe away the excess adhesive. Tighten down set screws to hold fitting in place while the epoxy cures (WARNING—DO NOT over tighten). Ensure that the entire seam between the fitting and sump wall, and the fitting and the pipe is entirely covered by adhesive. Apply additional adhesive over set screws and as necessary to fill any remaining voids.

Step #5b: Repeat "Step 5a" for the entry fitting on the outside of the sump wall.

Step #6: Allow adhesive to fully cure before disturbing the fitting or conducting any type of testing.



Hole Size Guide

Pipe	Hole Size	Pipe	Hole Size
2" RTII	2.50"	2" LCX	2.75"
3" RTII	3.75"	3" LCX	4.00"
4" RTII	4.75"	4" LCX	5.00"

Pipe	Hole Size
0.50" Conduit	1.00"
0.75" Conduit	1.25"
1.00" Conduit	1.50"