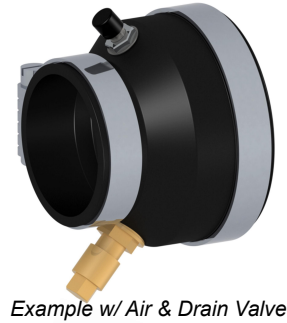


Read Instructions Completely Before Installing REV 02/21

Background

Reducer fittings are designed to transition from a fitting cuff, sump cuff, pipe chase or ducting, or more commonly, double-wall/pipe fuel Surface) piping. The larger diameter surface is labeled “Secondary”, and the smaller is labeled “Primary”. Reducer fittings seal off the secondary interstitial space for testing. Reducer fittings come in a variety of sizes to match the different transitions found in any containment sump application, and are provided in split or non-split; standard or off-set; with or without test and drain valves; with or without a Reducing Insert; and in other configurations depending upon the requirements. Part numbers all begin with either “ISR” or “INR” for split or non-split design.



Example w/ Air & Drain Valve

Tools & Materials

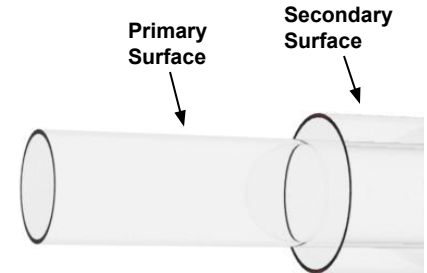
The following tools/materials may be required for this repair:

- Hook Blade Cutting Tool (Linoleum Knife)
- 5/16” Hand Driver Tool
- Acetone or Isopropyl Alcohol
- Icon FastFuse Split Fitting Bonding Solvent – IAC FastFuse
- Sika Sikaflex-1a Fitting Gasket Sealant – IAC Sika10
- Icon Repair Fitting Part (ISR or INR *.x*. - Ref Specification)



**STEP 1
Preparation
for Repair**

Clean the Secondary and Primary surfaces with acetone or isopropyl alcohol. Prepare a larger surface area than just where the fitting will be seated. If the Reducer Fitting is for disconnected pipe and non-split fittings, make sure that Primary Surface is clean all the way to the Secondary Surface before sliding the fitting over the end of the Primary Surface.



**STEP 2 Split
Fitting
Bonding**

If the Reducer Fitting is split, clean and prime the split surfaces of the fitting with acetone or isopropyl alcohol. Wrap the fitting around the surface and apply a liberal coating of *Icon FastFuse* to the split area of the fitting. Within 20 seconds, align and hold the split fitting together for at least 2 minutes without movement. Afterwards, allow the fitting to hang in place with the split at the bottom, and let cure for a minimum of 1-hour without any additional handling.



**STEP 3
Assembly**

After cure time, secure the fitting over the Secondary Surface, making sure it is seated properly. A very minor amount of Icon PetrolSeal may be applied beforehand to fill any grooves or surface irregularity in the surfaces where the fitting is seated. If a test valve is included, make sure that the test valve is situated on top for best access. Tighten the band clamps to 50-60 in lbs and the installation is completed.

* Air Test Reducer Fittings are ready for typical 5 psi test pressure after the 1-hour total cure time and installation.

