



### **Installation**

Clean the hub and spigot of the pipe and fitting to be joined. They should be reasonably free of dirt, mud sand, gravel, etc.

Make sure that any sharp edges have been removed. A sharp edge may make joining very difficult. The sharp edge can be removed by filing with a metal file or by tapping the edge with a ball-peen hammer.

Fold and insert the gasket completely into the hub. Lubricate the joints on the inside surfaces of the gasket and the outside of the spigot end using a brush. For joints sizes 5"-15" an adhesive lubricant is recommended to be used on the inside of the hub. The adhesive lubricant does not take the place of proper joint restraint when required. To prevent movement, horizontal pipe and fittings 5" and larger should be properly braced by the use of blocks or rodding or other suitable methods at every branch or change of direction.

Align the pipe so that it is straight. Using a tool of your choice, (such as a puller) push or pull the spigot through all of the sealing rings of the gasket. You should feel the spigot end of the pipe bottom out in the hub. Fittings may also be installed by using a lead maul. Please follow proper safety precautions when making the joint.

When testing, for best results we recommend testing one floor at a time. All joints at bends, changes of directions, or ends of runs should be properly restrained if testing more than one floor at a time. We also recommend systems to be hydrostatically tested. Air testing is very dangerous and can often mask or fail a system that should pass due to air temperature changes. We do not recommend air testing. Please use extreme caution if testing with air.

### **Cold weather install tips**

All elastomers will tend to stiffen and become difficult to work with in colder temperatures. Compression gaskets will perform best if kept above 50 degrees F. To make joining easier in cold weather conditions, keep gaskets in warm water until ready for use. Gaskets that become too stiff can be made more pliable by putting them in warm water or by bringing them into a heated space.