

PRECAUTIONS

- (1) Brass fittings can be damaged by improper handling. Protect threads. Avoid loose fitting wrenches. Do not drop. Backfill and compact carefully so that fittings and pipe are not unsupported and stressed by the weight of the earth.
- (2) If you are unfamiliar with KITEC / Q-Line connections, a little practice and testing in the shop before going on the job is time well spent.
- (3) **Inspect and test all joints, valves, and fittings for leaks before backfilling.** If this is impossible and when several are involved, be sure to test system as job progresses instead of waiting until all services are completed. Making repairs after backfilling is costly.
- (4) **Use extra care with higher water pressures (over 100 psi).**

WARRANTY - READ BEFORE INSTALLING

All merchandise is warranted to be free from defects in material and factory workmanship. We will provide free of charge new products in equal quantities for any that prove defective within one year from the date of shipment from our factory. **Manufacturer should not be liable for any loss, damage, or injury, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatever in connection therewith. No claims for labor or consequential damage will be allowed.** The foregoing may not be changed except by agreement signed by an officer of the manufacturer.

DAMAGE CAUSED BY IMPROPER TOOLS OR HANDLING WILL VOID OUR WARRANTY



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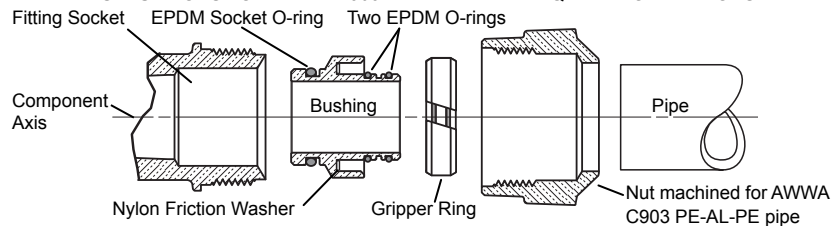
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IMPORTANT NOTICE - READ CAREFULLY

INSTRUCTIONS FOR AWWA C903 PE-AL-PE KITEC / Q-LINE CONNECTIONS



Steps for Installation

- (1) Cut pipe to length using a straight-cut tool; **Do Not Use A Hacksaw.** Make sure pipe is round, not flattened. Use a rounding tool, if necessary. Use a beveling tool to prepare pipe I.D. for Bushing insertion. **CAUTION: Out-of-round and/or improperly beveled pipe can damage o-ring seals upon insertion.** Clean or scrape off any dirt so that surface is smooth.
- (2) Remove the Nut and Gripper Ring from the fitting and slide them onto the pipe. Insert bushing into end of pipe. For best results, apply a silicon lubricant to the single Socket O-ring. Insert pipe/ Bushing into the Socket of the Fitting keeping the Bushing aligned / straight with the Component Axis. If the Nut or Fitting Socket appears too large for pipe, check to ensure you are using the correct fitting or that pipe is of proper diameter.
- (3) Slide the Gripper Ring and Nut to the fitting. Tighten the Nut 1 to 1-1/2 turns after Gripper Ring starts to compress.
- (4) **ALWAYS PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
- (5) **CONSULT PIPE MANUFACTURER FOR SPECIFIC INSTALLATION REQUIREMENTS.**

WARNING: Do not use on gas lines. Installation on gas lines can result in serious injury or death.