

## SERVICE FITTINGS INSTALLATION

### Installation Instructions

#### IMPORTANT!

Use only on potable water services. Damage caused by improper tools, handling or use other than the intended use of the product will void the warranty. Warranty period is one year from the date of shipment from our factory.

Fittings are to be used on copper tubing or polyethylene tube or pipe only, which is made to AWWA and/or ASTM specifications. Stainless Steel liners must be used in all polyethylene tubing or pipe installations.

#### FITTINGS INSTALLATION

##### SUPER GRIP FITTING

- 1 The tube or pipe must be cut straight, round, de-burred and clean.
- 2 Push the liner into the tube against the flare until it stops. If using with Polyethylene it is necessary to use a rigid metal insert inside the end of the tubing or pipe.
- 3 Slide the SG nut assembly onto the tube or pipe and insert the tube or pipe into the fitting, making sure the pipe extends past the rubber gasket. It is a good idea to hold the fitting up against the pipe and mark the pipe for the correct depth, before assembly. The conductivity ring is to face towards the fitting, not the nut.
- 4 Tighten the nut assembly until it contacts the metal stop on the mating part.
- 5 Pressure test for leaks before backfilling.\*
- 6 Backfill carefully to AWWA Standard, if no other specification is available.

##### PACK JOINT

- 1 The tube or pipe must be cut straight, round, de-burred and clean.
- 2 Push the liner into the tube against the flare until it stops. If using with

Polyethylene it is necessary to use a rigid metal insert inside the end of the tubing or pipe.

- 3 Slide the pack joint nut assembly onto the tube or pipe and insert the tube or pipe into the mating fitting. It is a good idea to hold the fitting up against the pipe and mark the pipe for the correct depth, before assembly.
- 4 With the tube or pipe inserted the proper distance into the mating fitting, slide the nut forward and tighten a sufficient amount to prevent leakage, 1½ turns after the gasket starts to compress. DO NOT overtighten.
- 5 Tighten the clamp screw causing the serrated clamp to “bite” the tube or pipe.
- 6 Pressure test for leaks before backfilling.\*
- 7 Backfill carefully to AWWA Standard, if no other specification is available.

##### FLARED COPPER FITTING

- 1 Cut the tube square to the desired length, remove any burrs.
- 2 Slide the copper tube nut on the tubing, threaded end to be facing the end to be flared.

- 3 Flare the tube, keeping the flare smaller than the inside of the nut, since the nut must slide over the flare.
- 4 Attach flared tube and nut to the mating fitting and tighten.
- 5 Pressure test for leaks before backfilling.\*
- 6 Backfill carefully to AWWA Standard, if no other specification is available.

##### CORPORATION STOP

- 1 Handle the valve carefully, do not drop or throw the valve.
- 2 Use thread sealant on the tapered threads.
- 3 Use a smooth jawed wrench on the center of the body as shown. A loose fitting pipe wrench may distort the brass and cause leak.
- 4 Pressure test for leaks before backfilling.\*
- 5 Backfill carefully to AWWA Standard, if no other specification is available.

\*NOTE: Be sure to test for leaks before backfilling so if there is a visible leak it can be repaired as required without excavation.

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