



Class I-U Universal Maxi-Grip IPS to IPS Conductive (1 1/4" IPS to 8" IPS) INSTALLATION INSTRUCTIONS

- 1** Clean steel pipe ends at least 6" back, removing dirt, oil, rust and scale.
- 2** Clean plastic pipe ends at least 6" back, removing dirt and oil. Pipe ends must be cut square and free of longitudinal grooves.
- 3** Insert properly sized metallic stiffener at least 7" long into plastic pipe end.
- 4** Mark each pipe 5" back from end.
- 5** Clean gaskets, removing dirt and debris.
- 6** Soap gaskets and both pipes.
- 7** Stab coupling onto one pipe and back over other pipe, centering coupling between lines. (If conditions require disassembly of coupling for installation, please see separate instructions)
- 8** Remove outer nuts.
- 9** Slide locking plate and jaw band along pipe, and away from coupling.
- 10** Torque inner nuts evenly to 85-95 ft. lbs. each.
- 11** Slide jaw band back against coupling.
- 12** Slide locking plate back against jaw band.
- 13** Replace outer nuts and torque evenly to 70-85 lbs. each.

If disassembly is required for installation:

- A** If disassembly of coupling is required, prepare pipe ends and coupling following steps one through six (left side of page).
- B** Remove outer nuts from coupling.
- C** Slide locking plate onto one pipe, with letter "A" facing other pipe.
- D** Slide jaw band (with moisture seal) onto same pipe as locking plate, with yellow mark facing plate.
- E** By stab, or partial disassembly, install coupling onto pipes, keeping nuts loose. Be sure that end of coupling with threaded portion of bolts (standard follower) is on pipe with plate and jaw band.
- F** Do not center coupling between marks, but align conventional restraint end (bolt head end) of coupling with mark on pipe.
- G** Torque inner nuts evenly to 85-95 ft. lbs. each.
- H** Slide jaw band back against coupling and slide locking plate against jaw band.
- I** Replace outer nuts, and torque evenly to 70-85 ft. lbs. each. **(see note below).**

PRESSURE RATINGS:
All class I-U Universal
Maxi-Grip Couplings
(1 1/4" IPS to 8" IPS)
Rated at 300 PSIG working pressure.
(150 PSIG rating when joining one or more plastic

Note: If outer nuts are torqued tighter than inner nuts, inner nuts may become loose. In this case, tighten inner nuts by hand against standard follower and an additional 1/4 turn with open-end wrench if available. It is not necessary to re-torque inner nuts.

All Class I-U Universal Maxi-Grip Couplings meet or exceed requirements of D.O.T. 192.283 (b).