



# FC2W Ultra-Flex Coupling Installation Instructions

## CAUTION

- Ultra-Flex couplings do not restrain axial movement of pipe.
- Ultra-Flex couplings are designed to float on pipe ends and are not designed to support the pipe. Block and shim as necessary.

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## INSTALLATION INSTRUCTIONS

1. Measure the outside diameter of each pipe end to be joined to ensure they are within the coupling range.
2. Thoroughly clean each pipe end to a smooth, bare sealing surface.
3. Stab each pipe end into the Ultra-Flex coupling. For ease of installation, it may be necessary to loosen the nuts when assembling on larger O.D. pipes. Disassembly of the coupling is not required. **NOTE: Do not lubricate the pipe OD or the gasket. If the coupling is disassembled, lubricate only the contoured lip on each end of the coupling sleeve prior to reassembly.**
4. Center the coupling between the two pipe ends. The optimum pipe end gap for the Ultra-Flex coupling is less than 1".
5. Evenly tighten bolts in an alternating sequence being certain that end rings remain parallel to one another. Tighten bolts to 50 ft-lb.
6. Restrain if necessary, test and recheck bolt torque before backfilling. If a leak develops during testing, recheck bolt torque. Be advised that extreme torque can over stress coupling components.



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