



Flex-Seal® ARC Sewer Repair Coupling Installation Instructions



The following is intended to be a guideline of general installation requirements for the Mission Flex-Seal® Adjustable Repair Coupling (ARC); for standard connections, repairs and insertions. These instructions are to be used in accordance with engineering criteria and municipal trade practices in the field.

How To Install The Mission Flex-Seal® ARC

Standard Connection:

- Step 1.** Loosen bolts on stainless steel shear band assembly and tightening clamps. Do not remove either the shear band assembly or tightening clamps from the coupling.
- Step 2.** Slide Mission Flex-Seal® ARC over plain spigot ends of the two pipes to be joined.
- Step 3.** Tighten clamp bolts alternately and firmly to 60 in. lbs. Torque (6.78 N°m).
- Step 4.** Tighten shear band assembly bolts alternately and firmly to 60 in. lbs. Torque (6.78 N°m).

Repairs and Insertions:

- Step 1.** Cut out section of broken pipe. In order to provide a sound joint, the ends should be cut square.
- Step 2.** Remove broken pipes section, then slide Mission Flex-Seal® ARC over both pipes ends.
- Step 3.** Place a pencil mark ½ the coupling width from each joint on existing pipe ends.
- Step 4.** Insert new pipe or fitting, then slide Mission Flex-Seal® ARC with the shear band assembly and clamp bolts intact over the new and old pipe ends. Check pencil marks to make sure the coupling is centered over the new and old pipe ends.
- Step 5.** Tighten clamp bolts alternately and firmly to 60 in. lbs. Torque (6.78 N°m).
- Step 6.** Tighten shear band assembly bolts alternately and firmly to 60 in. lbs. Torque (6.78 N°m).

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