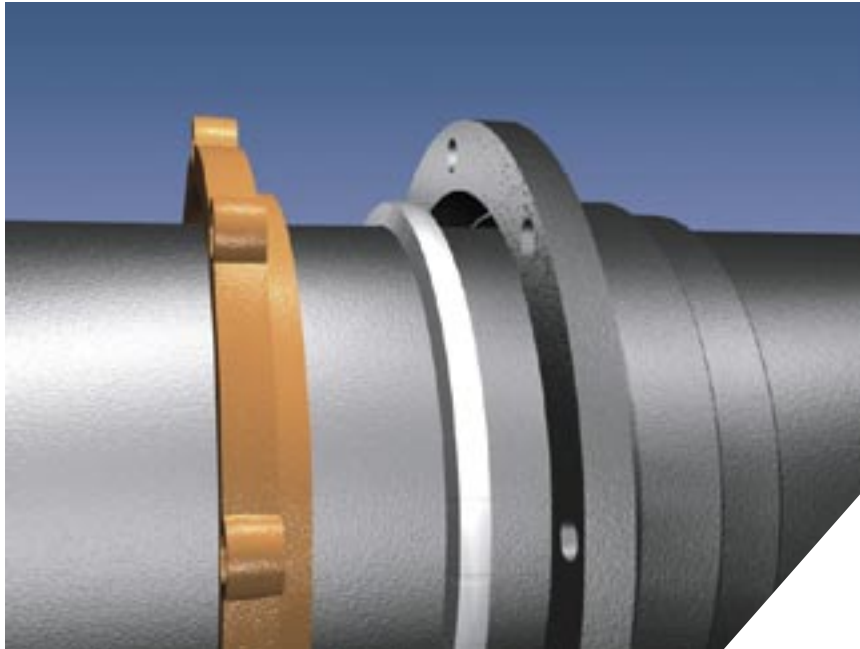
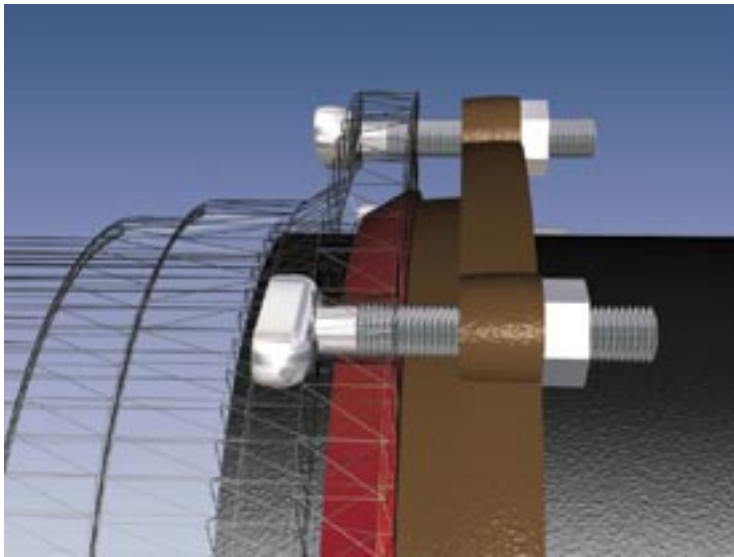


EBAA-SEAL™

Improved
Mechanical Joint Gasket



EBAA SEAL, 12 inch.

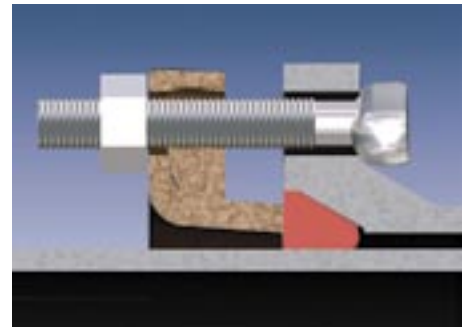


Packaged item.



Features and Application:

- For use at Mechanical Joints, sizes 4 inch through 48 inch.
- In accordance to **ANSI/AWWA C111/A21.11-00**.
- 30% Gasket Deflection.
- Sealing capabilities comparable to push-on joints.
- No front or back and along with using minimum bolt torques, the seal is created right the first time.
- For use on water or wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774.



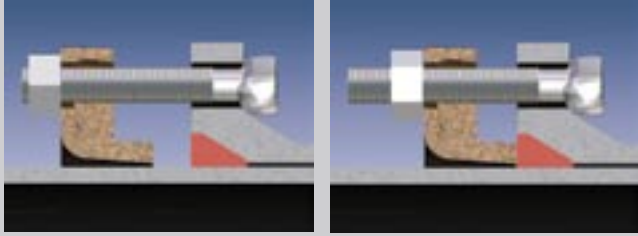
EBAA Seal Deflection during assembly.

Sample Specification

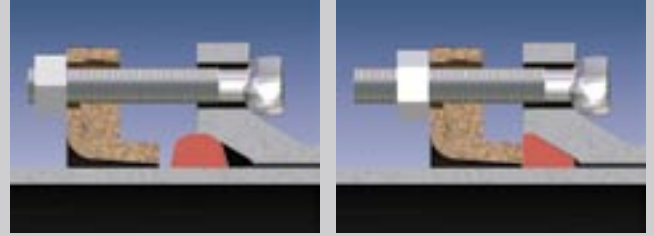
To improve the sealing capacity, the gaskets for all mechanical joints conforming to the requirements of ANSI/AWWA C110/A21.10, C111/A21.11, or C153/A21.53 shall be of a design that causes the gasket to deflect approximately 30% during assembly of the mechanical joint. The gasket material shall conform to the requirements of ANSI/AWWA C111/A21.11, section 11-6.4, of the latest revision. Mechanical joint gaskets shall be EBAA Iron, Inc.'s EBAA Seal - Improved Mechanical Joint Gasket or equal.

SMJ vs EBAA-Seal

Standard Mechanical Joint Gasket

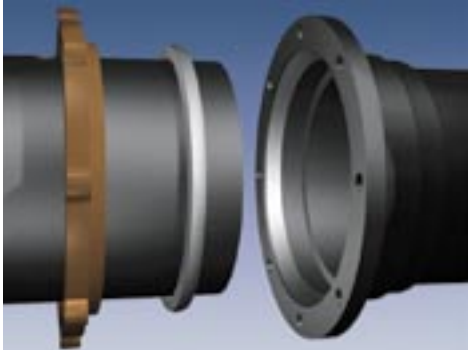


EBAA Seal Mechanical Joint Gasket

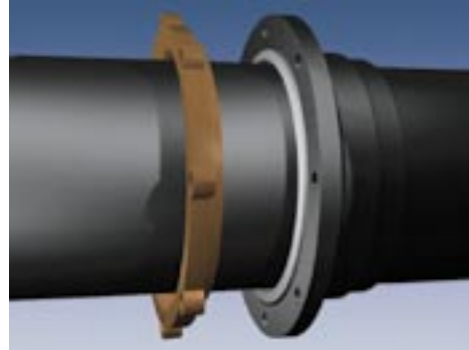


EBAA-Seal deflects 30% for a superior seal.

Installation Instructions for AWWA C600-93 Mechanical Joint Assembly



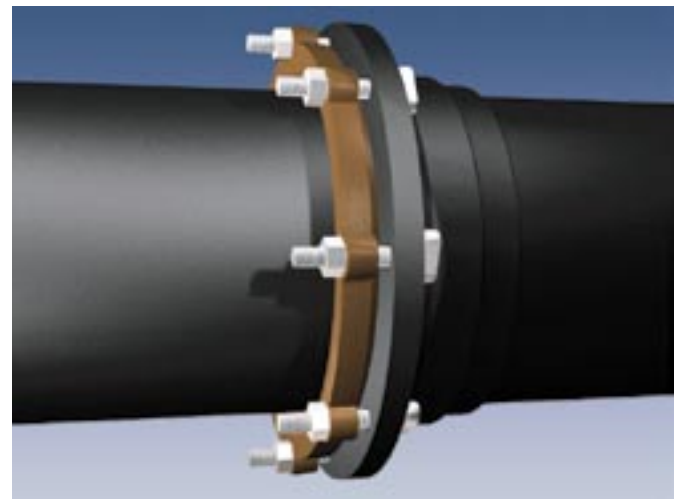
1. Clean the socket and the plain end. Lubrication and additional cleaning should be provided by brushing both the gasket and plain end with soapy water or an approved pipe lubricant meeting the requirements of ANSI/AWWA C111/A21.11, just prior to slipping the gasket onto the plain end of joint assembly. Place the gland on the plain end with the lip extension toward the plain end, followed by the gasket.



2. Insert the pipe into the socket and press the gasket firmly and evenly into the gasket recess. Keep the joint straight during assembly.



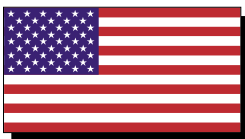
3. Push the gland toward the socket and center it around the pipe with the gland lip against the gasket. Insert bolts and hand tighten nuts. Make deflection after joint assembly but before tightening bolts.



4. Tighten the bolts to the normal range of bolt torque as indicated in the [adjacent table] while at all times maintaining approximately the same distance between the gland and the face of the flange at all points around the socket. This can be accomplished by partially tightening the bottom bolt first, then the top bolt, next the bolts at either side, finally the remaining bolts. Repeat the process until all bolts are within the appropriate range of torque. In larger sizes (30 - 48 in. [762 - 1219 mm]), five or more repetitions may be required. The use of a torque indicating wrench will facilitate this procedure.

Bolt Torques

Nominal Pipe Size	Bolt Size	Range or Torque
		ft - lb
3	5/8	45 - 60
4 - 24	3/4	75 - 90
30 - 36	1	100 - 120
42 - 48	1 1/4	120 - 150



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