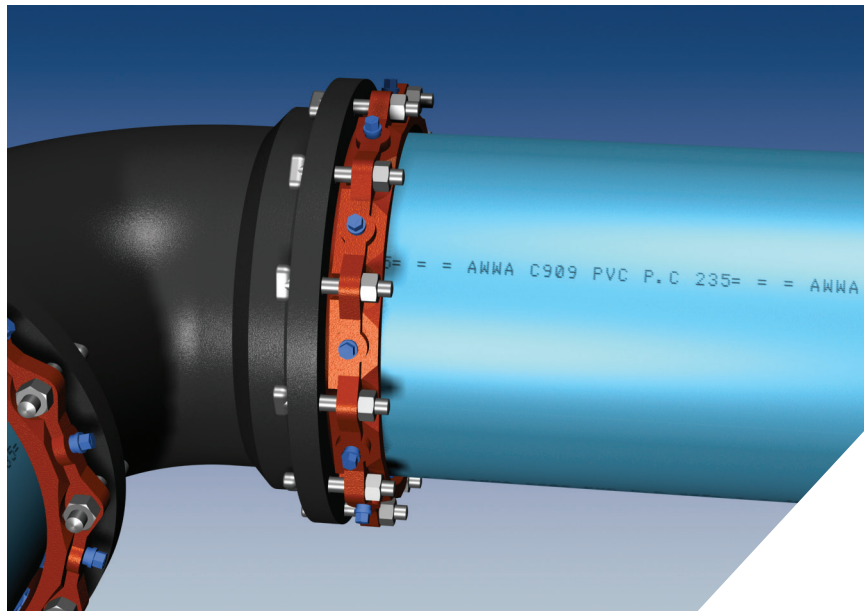


MEGALUG Always Approved. Never Equaled.

Restraints for 16 inch C909 PVC Pipe

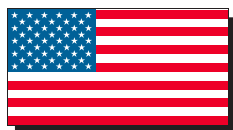
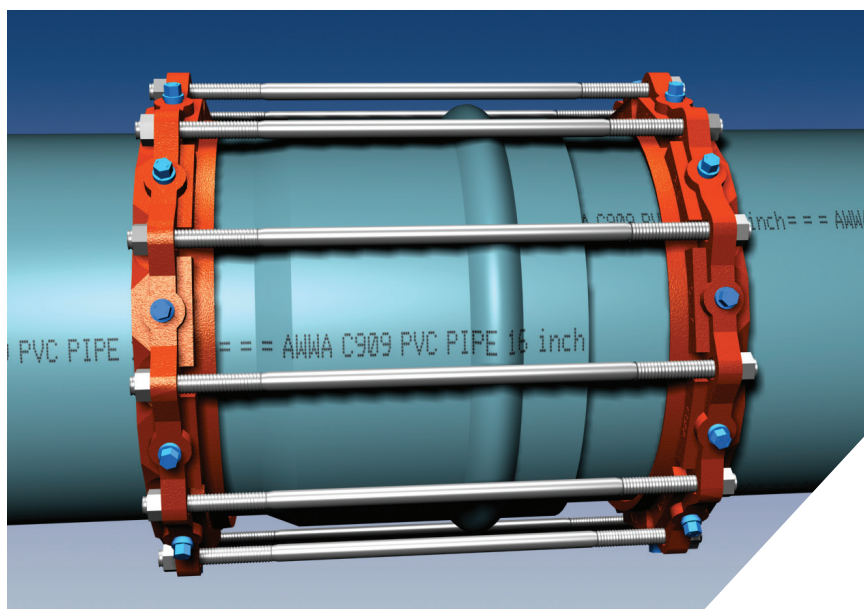
Series 2016PV

Mechanical Joint Restraint for 16 inch C909 PVC Pipe



Series 2916

Restraint Harness for 16 inch C909 PVC Pipe



EBAA IRON Sales, Inc.

P.O. Box 857, Eastland, TX 76448

Tel: (254) 629-1731

Fax: (254) 629-8931

(800) 433-1716 within US and Canada

contact@ebaa.com

www.ebaa.com



Features and Applications:

- For use on AWWA C909 PVC
- Sizes 16 inch
- Rated to the Full Pressure of the Pipe
- Minimum 2 to 1 Safety Factor
- **MEGA-BOND®** Restraint Coating System
- Constructed of ASTM A536 ductile iron

For use on water and wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774.

EBAA Iron products are not designed, intended, or approved for use with compressed air or any gas service. All entrapped air must be completely removed from the pipeline prior to pressurization, testing, or placing the line into service. Failure to eliminate air pockets may result in improper product performance or hazardous conditions.

Sample Specification

Restraint for AWWA C909 PVC Pipe shall consist of the following: The restraint shall be manufactured of ductile iron conforming to ASTM A536. The restraint devices shall be coated with MEGA-BOND. (For complete specifications on MEGA-BOND visit www.ebaa.com.) The combination of the restraint(s) and fasteners shall have a pressure rating to the full pressure rating of the pipe. The restraint shall have a two to one safety factor.

Mechanical Joint Restraint:

Restraint Devices for 16 inch AWWA C909 shall consist of multiple gripping wedges incorporated into a follower gland meeting the applicable requirements of ANSI/AWWA C110/A21.10. The restraint for 16 inch mechanical joint fittings shall be the Series 2016PV.

Restraint Harness:

Restraint Harnesses for 16 inch AWWA C909 shall consist of two restraint rings incorporating multiple gripping wedges per ring, and a sufficient number of bolts shall be used to connect the restraint rings. The combination shall be the Series 2916.

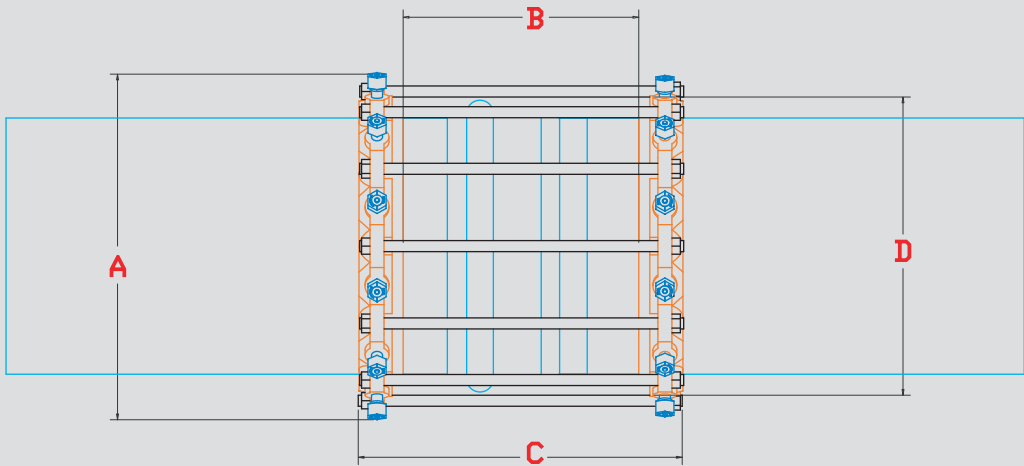
All Series manufactured by EBAA Iron, Inc., or approved equal.

For additional information regarding the 2016PV, including installation instructions refer to the Series 2000PV Product Brochure found at www.ebaa.com.

Series 2916 Submittal Reference Drawing

EBAA IRON

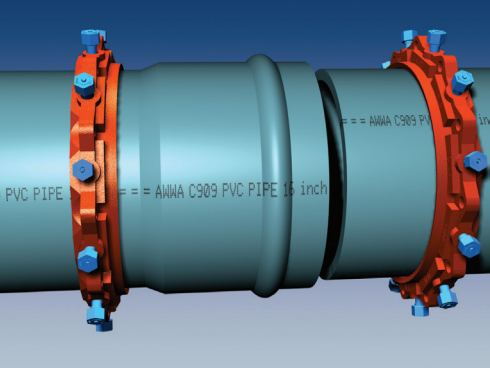
MADE IN USA



Nominal Pipe Size	Series Number	A Maximum Casing O.D. Clearance	B Inside Length	C Overall Length	D Maximum Bell O.D. Clearance	Thrust Bolt (Quantity - Size)
16	2916	23.4	16.0	22.0	20.3	12 - 3/4 x 22

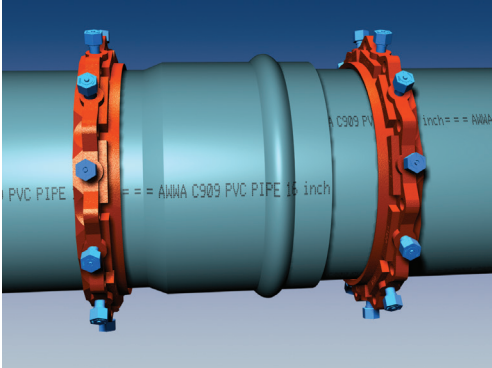
NOTE: Dimensions are in inches and are subject to change without notice.

Installation Instructions Series 2916

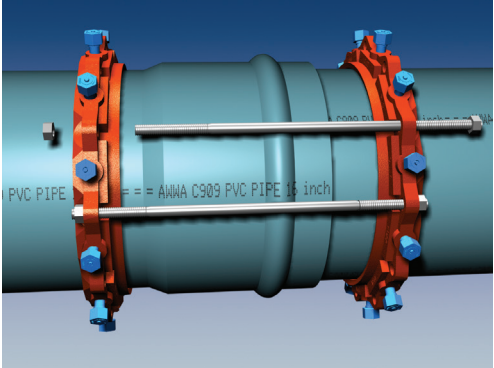


The Series 2916 is designed for restraining AWWA C909 PVC Pipe with push-on bells. It has one restraint ring behind the bell and on the plain end.

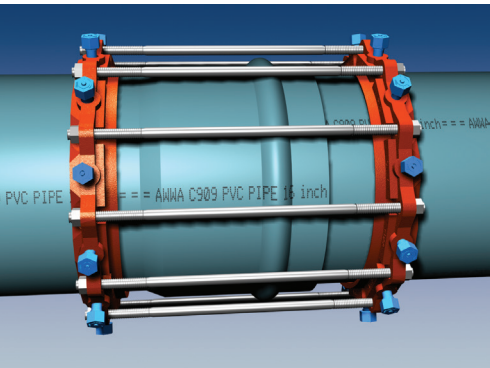
1. With the lip extension toward the bell, slide one restraint ring along the length of pipe toward the bell.



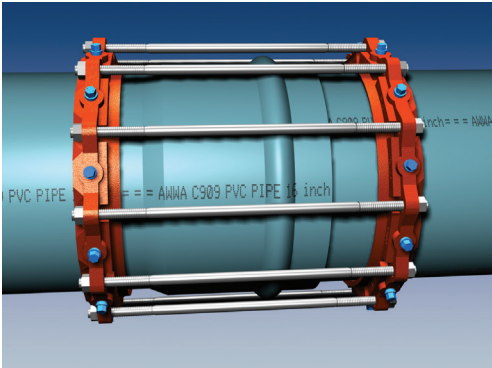
2. Slide the second restraint ring on the spigot or plain end with the lip extension toward the bell.
3. Assemble joint per the pipe manufacturer's instructions.



4. Position the restraint ring on the spigot or plain end such that the bolt holes are in alignment and the distance between the rings is suitable for the thrust bolt length. Allow enough room on the thrust bolt to fully engage the nut with several threads showing.



5. Install the thrust bolts in each available bolt hole for maximum distribution of operating forces. Place the nuts on the end of the thrust bolts. Allow enough room on the thrust bolts to fully engage the nut with several threads showing.



6. Pull the restraint ring away from the joint until the slack is removed from thrust bolts.

7. Tighten the torque limiting twist-off nuts in a clockwise direction (indicated by arrow on top of nut) until all wedges are in firm contact with the pipe surface. Continue tightening in an alternate manner until all the nuts have been twisted off.
8. If removal is necessary; use the 5/8 inch hex head provided. If reassembly is required, assemble the product in the same manner as indicated in the previous steps and tighten the wedge screws to 90 ft-lbs.