



SIP Industries
Quality Manufacturer Since 1960

Certificate of Compliance : Pipe To Pipe Restraint For C900/C905 PVC Pipe - PTPVC

Date	
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SIP certifies that our 4” – 48” Ductile Iron Pipe to Pipe Bell Joint Restraint for PVC Pipe are designed, manufactured, and distributed as per the Waterworks industry standards. All castings are tested and traceable by casting markings to the below standards. Please refer to our website www.sipindustries.com for up to date product data and technical advisories.

Conformances

- AWWA C900 – Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 4”–12” for Water Transmission and Distribution
- AWWA C905 – Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings 14”–48” for Water Distribution
- AWWA C906 – Polyethylene (PE) Pressure Pipe and Fittings 4” – 65” for Water Distribution
- AWWA C909 – Molecularly Oriented Polyvinyl Chloride Pressure Pipe 4” – 24” for Water Distribution
- ANSI/AWWA C111/A21.11 – Rubber-Gasket Joints for Ductile-Iron Pressure Pipe Fittings
- ASTM D2241 – Standard Specification for Ploy(Vinyl Chloride) (PVC) Pressure Rated Pipe (SDR Series)
- ASTM 1674 – Standard Test Method for Joint Restraint products for use with PVC Pipe
- Pressure rating equal to that of the PVC pipe rating, with 2:1 Safety factor

- Restrainers** : Ductile Iron per ASTM A536, Grade 65-45-12
- Fasteners** : Rods & Nuts: High Strength-Low Alloy ASTM A242 Steel
Optional Type 304 or 316 Stainless Steel Bolts & Nuts available
- Coatings** : Alkyd, Direct to Metal (DTM) Enamel
Optional EZ-Shield® – Polyester Based Resin

Listings and Approvals

- Approved by Factory Mutual (FM) for 4” – 12” at 185 psi on AWWA C900 Class 235 DR-18 PVC Pipe. Approvals can be provided or found at FM website.
- Foundry Certifications: ISO 9001

Markings and Traceability

All castings have markings for identifications and traceability. Heat and foundry codes are also cast on each casting for traceability. If material certifications are required, please identify on purchase documents prior to shipping from manufacturer.

Sincerely,

Roger Johnson
Director of Technical Services
rjohnson@sipindustries.com

Project Name	
Project Location	
Distributor	
Contractor	



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