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Fewer Parts, Higher Performance

LOKX System® Ductile Iron Fitting

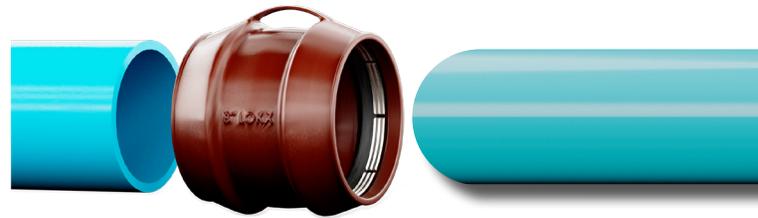


Fewer Parts, Higher Performance

Solutions to everyday water
and waterworks issues.

About

The LOKX System® is a proprietary ductile iron push-on style fitting with an internal self-restraining gasket that prevents pipe-to-pipe and pipe-to-fitting separation at high pressures. Highly engineered, LOKX System is fast and easy to install, capable of 3° degrees of deflection per bell and designed to be compatible with any PVC pipe.



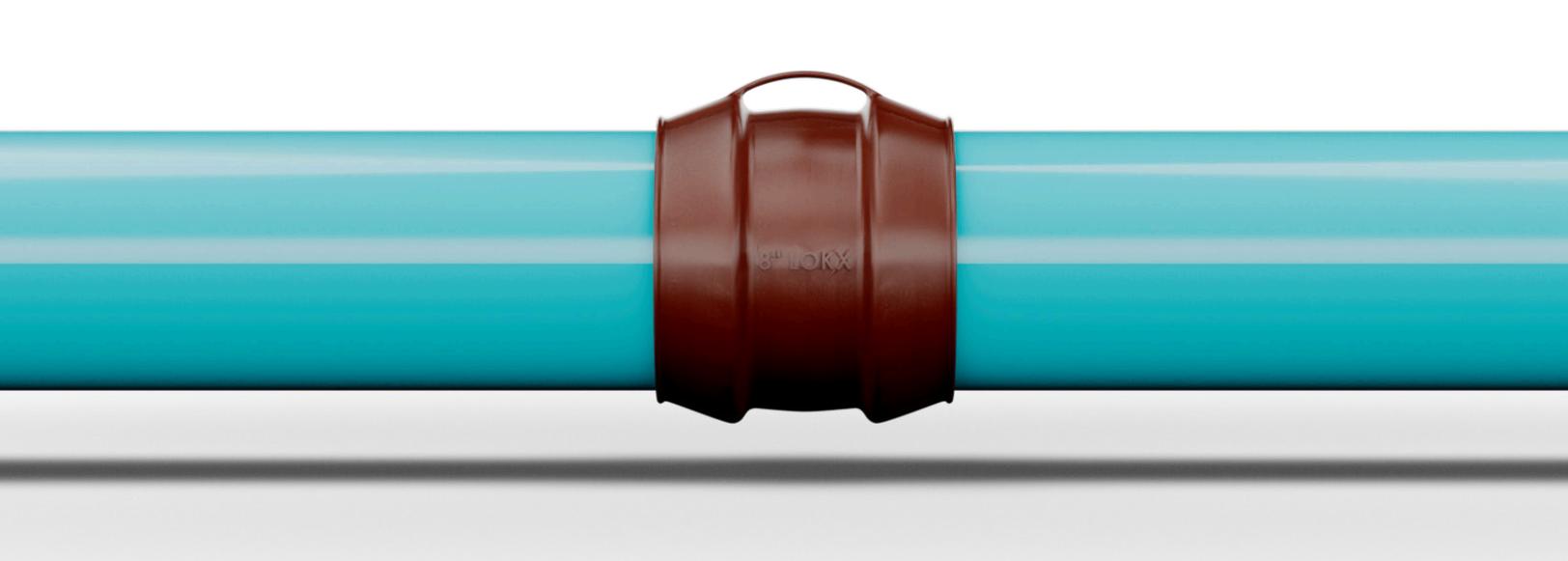
Features & Benefits

- Reduce installation and labor cost up to 80%
- Corrosion resistant fusion bonded epoxy coating
- Fewer components to inventory and assemble results in a system that is 40% lighter
- Available in numerous sizes and configurations
- Can be used on any C900, C909, PVC 4" through 8" DIPS pipe
- Patent No.: US 11, 112, 038 B2

Applications

- Designed for PVC Pipe - Water, Wastewater, Stormwater
- Municipal or Private Networks
- Pressurized or Gravity Flows
- Force Mains
- Withstands Corrosive/Coastal/Brackish environments
- FOR USE IN BURIED APPLICATIONS ONLY
- NOT FOR USE WITH GAS





Configuration made easy

Full range of fittings.

BENDS



11.25 Degree Bend



22.50 Degree Bend



45 Degree Bend



90 Degree Bend

CONNECTORS



Cap



Coupling



Flange Adapter



Reducer

WYES



TEES



Flange End with O-Ring

These are just examples of fittings, please contact us for a full list.

LOKX System[®]

Ductile Iron Fitting

Fewer Parts.
Higher Performance.



Proprietary ductile iron push-on style fitting with an internal self-restraining gasket that prevents pipe-to-pipe and pipe-to-fitting separation at high pressures.



The elimination of all bolts. The LOKX system is not only leak-resistant but fast and easy to install.



Each bell of the LOKX fitting is capable of 3° degrees deflection, even under pressure.



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Fewer components to inventory & assemble than traditional MJ systems, resulting in a system that is up to 40% lighter, as well as reduces installation and labor costs by up to 80%.



Designed to be compatible with any C900, C909 and 4" - 8" DIPS PVC pipe.

s and wedges means
only corrosion and
d easy to install.

Meets or Exceeds Applicable Standards Requirements



Meets or exceeds applicable requirements of the Standards listed below

ASTM A536	Standard Specification for Ductile Iron Casting
ASTM D3139	Standard Specification for Joints for Plastic Pressure Pipes using Flexible Elastomeric Seals
ASTM F477	Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F1674	Standard Test Method for Joint Restraint Products for use with PVC Pipe
AWWA C110	Ductile Iron and Grey Iron Fittings
AWWA C116	Protective Fusion Bonded Epoxy Coating for the Interior and Exterior Surfaces of Ductile Iron Compact Fitting
AWWA C153	Ductile Iron Compact Fittings

LOKX System® Ingenious Joining Method outlasts Traditional systems.



Traditional MJ Systems Problems

- Time & labor intensive to install
- Failures due to installation errors
- Numerous steel bolts prone to corrosion
- Heavy to move, difficult to warehouse
- Point loading and pipe distortion with exterior restraints

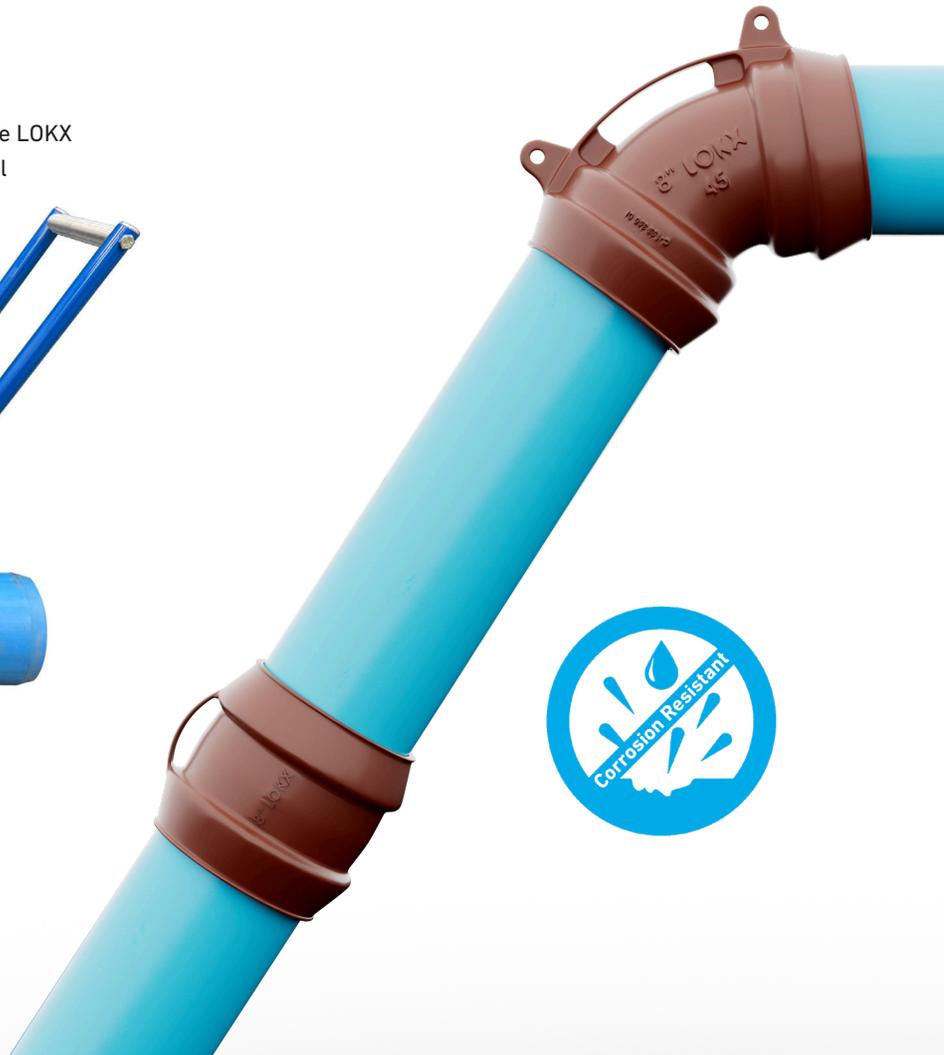


LOKX System® Solution

- LOKX System saves up to 80% in installation time with the elimination of all bolts and assembly tools
- LOKX fittings are coated with fusion-bonded epoxy inside and out for superior corrosion resistance (NSF)
- LOKX System has a full 3° degrees deflection per bell after installation, and can be installed in seismic applications
- Low insertion force lip-seal design gasket with 316 stainless steel gripping segments that are self-engaging
- When fully engaged, the gripping segments form a 360° restraint preventing pipe distortion and point loading
- Ideal solution for pipe-to-pipe-to-fitting applications

LOKX System® Installation Tool

Introducing the newest addition to the LOKX System, the LOKX Installation Tool. Designed to ease the installation of all 6 to 8 DIPS fittings.



Excellence in Flow

Visit our webpage to get in touch with your local specialist:

www.gfps.com/our-locations



GF Central Plastics

Tel. (405) 273-6302, Toll Free (800) 654-3872

Fax (800) 426-7188

www.gfcp.com

For the most up-to-date technical information, please refer to our website at www.gfcp.com

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