



HP LOK® Pipe RESTRAINED JOINT - International

HP LOK Restrained Joint Pipe and Fittings provide flexible push-on joints for DN 1400 - DN 1600 pipe sizes.

The HP LOK Restrained Joint has a working pressure equivalent to the working pressure rating of the parent pipe with a maximum working pressure rating of 29 Bar.

For certain wastewater applications, a ceramic quartz filled, amine cured, novalac

epoxy lining is available — see PROTECTO 401™ Ceramic Epoxy Lined Pipe and Fittings brochure.

HP LOK Pipe and Fittings utilize the TYTON® Gasket.

An HP LOK Ring that is factory installed in the bell provides a positive axial lock between the bell interior surface and a retainer weldment on the spigot end of the pipe

HP LOK is available with a variety of coatings and linings. The standard cement-mortar lining complies with ISO 4179, "Ductile Iron pipe and fittings for pressure and non-pressure pipelines".

FEATURES & BENEFITS

- Available in DN 1400 - DN 1600 pipe sizes.
- Working pressure rating of 29 Bar.
- Utilizes Tyton Gaskets
- Available with a variety of coatings and linings
- Metallic Zinc coating
- Ideal for high pressure applications

- PIPE
- FABRICATION
- RESTRAINED JOINTS** <
- FITTINGS
- GASKETS
- COATINGS & LININGS

GENERAL SPECIFICATIONS

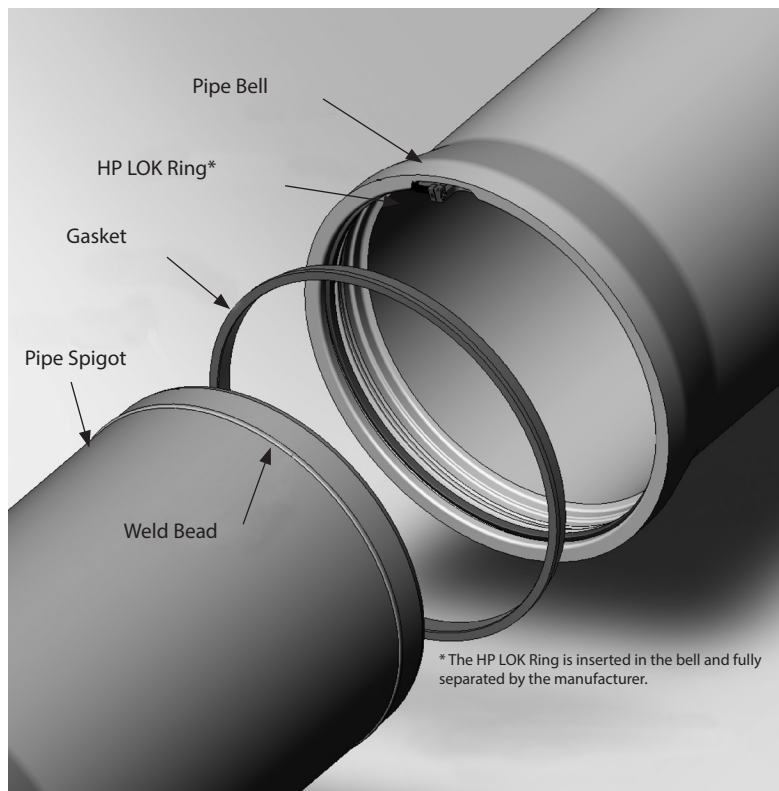
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|------------------|-------------------|
| Diameter Range | DN 1400 - DN 1600 |
| PFA* | 29 bar** |
| Thickness Class* | K9 |
| Lengths | 6.0 meter |

* Higher PFA and thicker K Class upon request

** In conformity with Type Test ISO 10804

STANDARDS

- ISO 2531 Ductile iron pipes, fittings, accessories and their joints for water or gas applications
- ISO 4179 Ductile iron pipes and fittings for pressure and non-pressure pipelines - Cement mortar lining
- ISO 4633 Rubber seals - Joint rings for water supply, drainage and sewerage pipelines - Specification for material
- ISO 8179-1 Ductile iron pipes - External zinc-based coating - Part 1: Metallic zinc with finishing layer
- ISO 8179-2 Ductile iron pipes - External zinc-based coating - Part 2: Zinc rich paint with finishing layer
- ISO 8180 Ductile iron pipes - Polyethylene sleeving for site application
- ANSI/AWWA C150/A21.50-02 American National Standard for Thickness Design of Ductile-Iron Pipe
- ANSI/AWWA C151/A21.51-02 American National Standard for Ductile Iron Pipe, Centrifugally Cast for Water.
- ANSI/AWWA C153/A21.53-06 American National Standard for Ductile-Iron Compact Fittings for Water Service
- ANSI/AWWA C104/A21.4-03 American National Standard for Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water.
- ANSI/AWWA C105/A21.5-05 American National Standard for Polyethylene Encasement for Ductile-Iron Pipe Systems.
- ANSI/AWWA C110/A21.10-03 American National Standard for Ductile-Iron and Gray-Iron Fittings for Water
- ANSI/AWWA C111/A21.11-07 American National Standard for Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.



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U.S. Pipe has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

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