HDSS® Pipe and Fittings can provide a true 350psi working pressure with a flexible restrained push-on joint for 20”- 36” ductile Iron pipe and fittings. The HDSS Restrained Joint has a working pressure rating that is variable depending upon the class of pipe it is used with. 30” and 36” HDSS provides up to 2.5” and 2.0” deflection respectively, and 20” and 24” provides up to 3.5” deflection to allow for alignment and settlement issues in buried applications. The simple robust design and added deflection make this the strongest joint on the market, and ideal for bridge piping, horizontal directional drilling (HDD) and pipe bursting applications.

To facilitate quick, easy and trouble free installation, ductile Iron locking segments are inserted through a single slot in the bell face and slid into position around the bell to provide a positive axial lock between the bell interior surface and a retainer weldment on the spigot end of the pipe.

A rubber retainer installed between the locking segments completes the installation and insures the segments stay in place while the joint is extended to engage the restraint. The HDSS joint can be easily disassembled by reversing the installation procedure with no need of special tools or shims.

HDSS Pipe and Fittings utilize the conventional TYTON® Gasket for reliable sealing. 20”–36” HDSS spigot ends are compatible with 20”–36” TR FLEX® and HP LOK® Pipe and Fittings. When TR FLEX Fittings are used the fitting joint rating will be 250 psi or less depending on the class of pipe used.

**FEATURES & BENEFITS**

- Restrained Joint Pipe with Easy Assembly / Disassembly
- Flexible Restraint
- Large selection of joints and fittings available
- Available with Zinc Metallic Coating
- Rated for 350psi
GENERAL SPECIFICATIONS

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<th>PSI</th>
<th>NO. OF D.I. LOCKING SEGMENTS</th>
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STANDARDS

- ASTM A746-03 Standard specification for Ductile Iron Gravity Sewer Pipe.
- ASTM C150 Standard Specification for Portland Cement

ASSEMBLY