Inserta Wye™ Sanitary Sewer Lateral Connection

Inserta Wye is a three-piece service connection that provides directional flow. Inserta Wye consisting of a PVC hub, rubber sleeve and stainless steel band that first any sanitary sewer mainline. Inserta Wye is compression fit into the cored wall of a mainline and does not require special tooling. Inserta Wyes are designed to connect 4”-8” (100-200 mm) SDR35/26 or N-12® laterals to all known solidwall, profile, closed profile and corrugated pipe.

Inserta Wye allows for tapping of existing lines without disturbing the bedding. It eliminates glues, epoxies, grout and awkward gaskets as well as the need to retighten bands around the mainline. Inserta Wye matches the pipe’s internal radius and services can be connected where needed. It allows for easier grading of the mainline and reduces costs by reducing labor hours and pipe materials.

Hole saws are available for sale for all sizes of Inserta Wyes. The use of installation methods or hole saws not purchased from ADS will void the performance warranty of the product.

Applications

- Sanitary sewers
- Pipe bursting (HDPE/PVC)
- Sliplining
- Cured in place pipe (CIPP)

Features

- Installs without disturbing bedding
- Connections are watertight*, air testable and highly durable
- Connections range from 4”-8” (100-200 mm)

Benefits

- Installation is easy and affordable
- Connects to largest range of sizes in industry and all drainage materials manufactured
- No need for glues, epoxies or grout





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Inserta Wye Product Specification

Scope

This specification describes 4”-8” (100 to 200 mm) Inserta Wye service connections for use in gravity-flow sewer and drainage applications.

Product Requirements

Inserta Wye service connections shall consist of a PVC hub, rubber sleeve and stainless steel band. Connections shall be a compression fit into the cored wall of a mainline pipe. Hub shall be made from heavy-duty PVC material. Stainless steel clamping assembly shall be made from minimum 301 grade steel. Rubber sleeve and gasket, when applicable, shall meet the requirements of ASTM F477. Gaskets shall be installed by the manufacturer. The water-based solution provided by the manufacturer shall be used during installation. Do NOT use pipe lube.

The Inserta Wye can be installed into any mainline pipe or structure. Connection hubs are available to connect to: corrugated polyethylene, SDR 26 HWS PVC (gasketed) and SDR35 PVC (gasketed).

Joint Performance

Inserta Wye includes a watertight bell connection meeting the requirements of ASTM D3212 and F2946.

Field Pipe and Joint Performance

To assure watertightness, field performance verification may be accomplished by testing in accordance with ASTM F2487, ASTM C969 or ASTM F1417*. Appropriate safety precautions must be used when field testing any pipe material. Contact the manufacturer for recommended leakage rates.

Build America, Buy America (BABA)

ADS Inserta Wye lateral connection, manufactured in accordance with ASTM F477, complies with the requirements in the Build America, Buy America (BABA) Act.

Installation

Installation shall be in accordance with manufacturer’s recommended installation guidelines. The use of installation methods or hole saws not purchased from Inserta Fittings will void the performance warranty of the product. Backfill around the Inserta Wye service connection shall be of the same material type and compaction level as specified for the mainline pipe installation. Contact your local representative or visit the website at www.adspipe.com for a copy of the latest installation guidelines.

Product configuration & availability subject to change without notice.
Product detail may differ slightly from actual product appearance.

**Contact your local sales representative for acceptable watertight applications. Not all applications are standard and some may require additional technical assistance.*

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