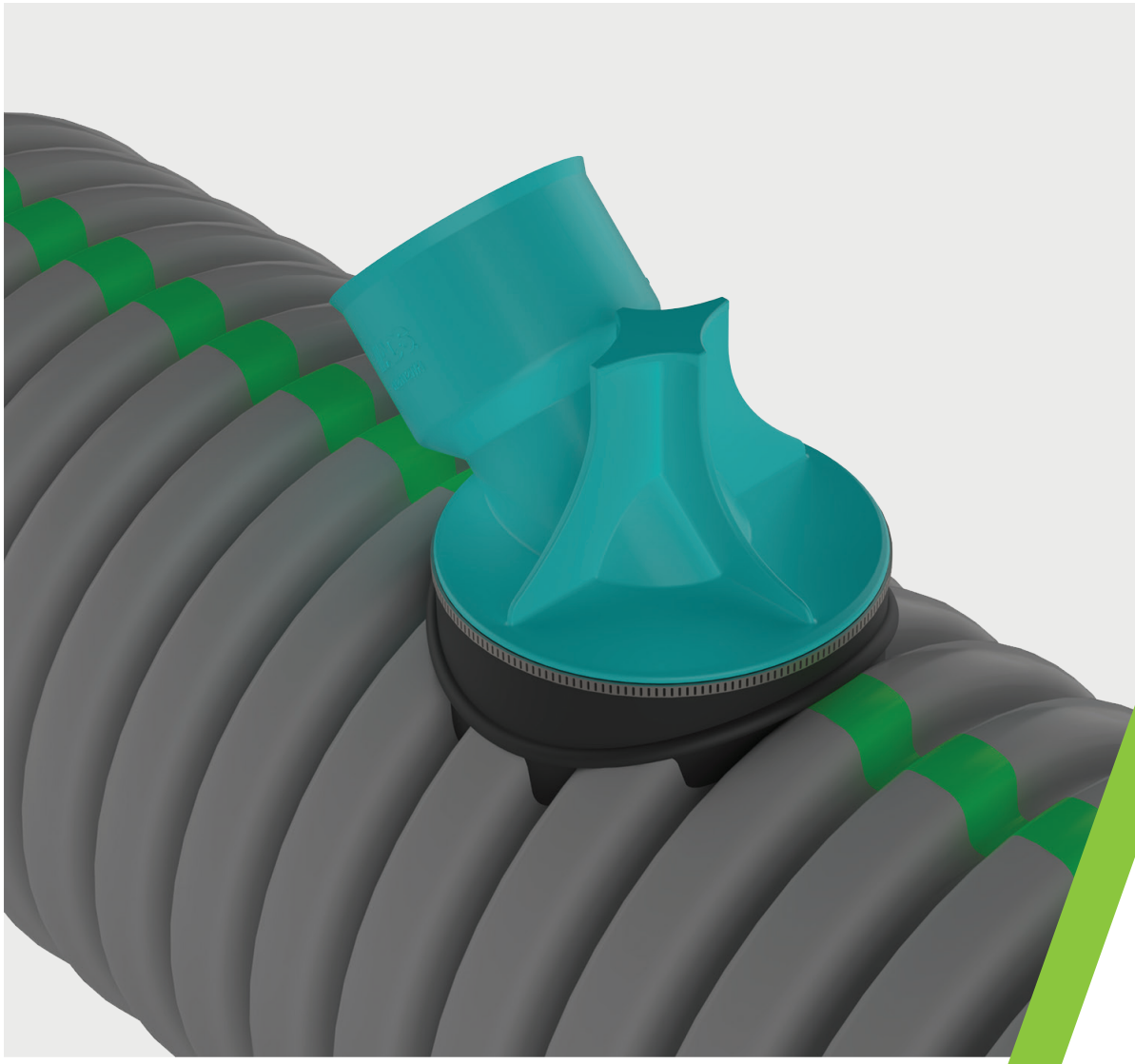
Inserta Wye™ Lateral Connections



Inserta Wye

Inserta Wye is a three-piece service connection that povides direction flow and consists of a PVC hub, rubber sleeve and stainless steel band. Inserta Wye is compression fit into the cored wall of a mainline and requires no special tooling. Inserta Wyes are designed to connect 4”-8” (100-200 mm) SDR35/26 or N-12® laterals to all known solid wall, profile, closed profile, corrugated pipe and manhole structures manufactured today.

Inserta Wye installs and performs just like Inserta Tee®. The key factor is that Inserta Wye offers directional flow, similar to a traditional wye fitting.

Inserta Wye for new & rehab installations:

- Reduction in labor hours and pipe materials
- Services connected where needed
- No need to disturb backfill
- Fits all gravity flow pipe and manholes
- Matches pipe’s internal radius for minimal penetration

Inserta Wye eliminates the need for:

- Glues, epoxies and grout
- Re-tightening of bands around mainline
- Awkward gaskets

When sliplining, pipe bursting and relining, Inserta Wye allows the following:

- Simple installation, does not require special equipment
- For pipe bursting, the connection is made directly into solid wall HDPE pipe
- For pipe lining, the connection is made directly into the rigid liner

Inserta Wye construction varies with pipe type and size. For pipe not listed, contact our engineering department.



Gasketed PVC Hub



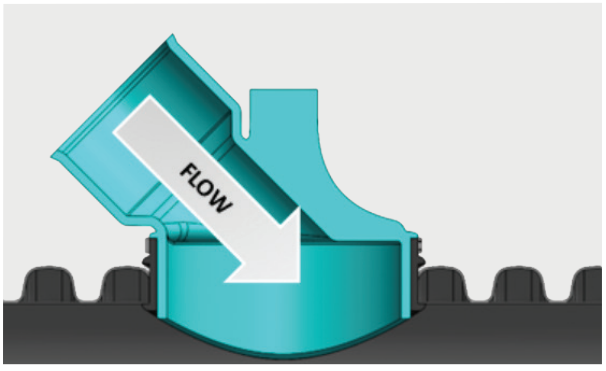
Stainless Steel Band

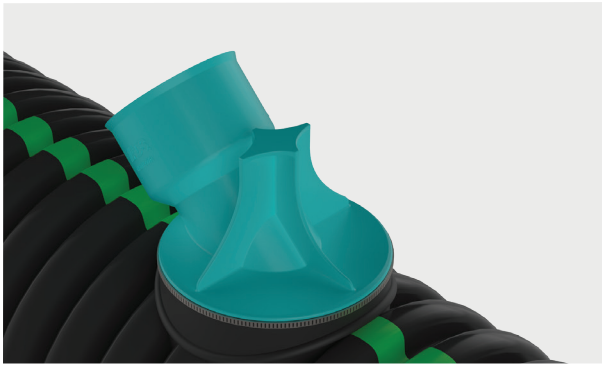


Rubber Sleeve







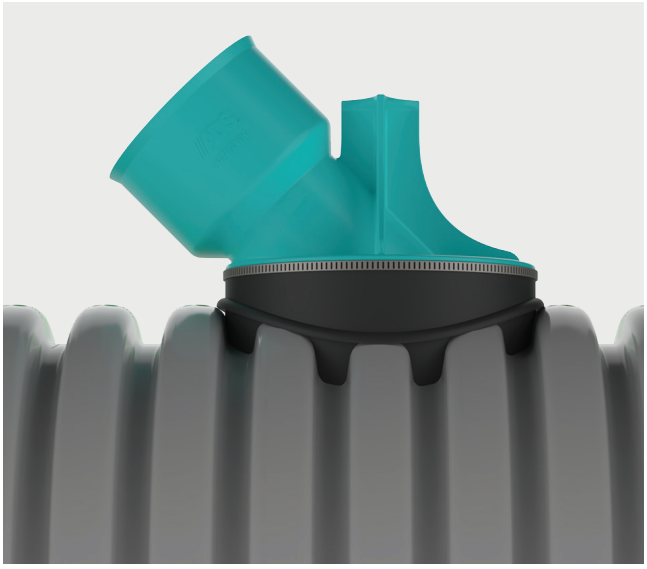




Inserta Wye Applications

Inserta Wyes can be utilitzed on a wide variety of projects, including the following:

- Storm sewers
- Sanitary sewers
- Pipe bursting (HDPE/PVC)
- Sliplining
- Fold-and-formed products
- Cured-in-place products
- Manholes
- Wet wells
- Drainage
- Irrigation
- Catch basins
- Electrical Vaults



Inserta Tee Hole Saws*

Diamond Bits
Our diamond bits are of the highest quality to ensure maximum holes per bit. Diamond bits are recommended for concrete, clay, fiberglass and ductile iron.

Hole Saws
Our specially designed hole saws allow the user to core fast, smooth and clean holes.



Lateral Size	Mainline Size	Hole Saw Size
4” (100 mm)	8”-10” (200-250 mm)	6½” (165 mm)
4” (100 mm)	12” + (300 mm +)	8¾” (222 mm)
6” (150 mm)	12”-15” (300-375 mm)	8¾” (222 mm)
6” (150 mm)	18” + (450 mm +)	12⅞” (327 mm)
8” (200 mm)	15”-18” (375-450 mm)	10⅞” (276 mm)
8” (200 mm)	24” + (600 mm +)	$15^{13}/_{16}$” (402 mm)

* Inserta Wye fittings use the same line of hole saws as Inserta Tee. For Inserta Wye, the lateral size and hole saw size are different. See the table for correct hole saw selection.

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 the manufacturer shall be used during assembly. 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 (gasketed) and SDR 35 (gasketed bell).

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.

Visit our website at **adspipe.com** for specifications (CAD or PDF), application details and our installation video, which may also be accessed by clicking on the QR code.

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.*

adspipe.com

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