

Inserta Tee[®] Sanitary Sewer Lateral Connection

Inserta Tee is a three-piece service connection consisting of a PVC hub, rubber sleeve and stainless steel band that fits any sanitary sewer mainline or structure. Inserta Tee is compression fit into the cored wall of a mainline and does not require special tooling. Inserta Tees are designed to connect 50-600 mm (2"-24") services to all known solidwall, profile, closed profile and corrugated pipe.

Inserta Tee allows for tapping of existing lines without disturbing the bedding. It eliminates glues, epoxies, grout and awkward gaskets and the need to retighten bands around the mainline. Inserta Tee 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 Tees. 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
- Manholes

Features

- Installs without disturbing bedding
- Inserta Tee connections are watertight*, air testable and highly durable
- Connections range from 50-600 mm (2"-24")

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



Inserta Tee Product Specification

Scope

This specification describes 50-600 mm (2"-24") Inserta Tee service connections for use in gravity-flow sewer and drainage applications.

Product Requirements

Inserta Tee 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 Tee can be installed into any mainline pipe or structure. Connection hubs are available to connect to: corrugated polyethylene, corrugated polypropylene, PVC C900, SDR 26 HWS, SDR 35 (gasketed bell) and IPS/Sch40 (gasketed bell).

Joint Performance

Inserta Tee product includes a watertight bell connection meeting the requirements of ASTM D3212.

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.

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 Tee 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 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.*



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