

INSERTA TEE®

THE LATERAL CONNECTION SOLUTION®

**Everything
In The
World
Should Be
Made This
Good**

INSERTA TEE® DESCRIPTION

INSERTA TEE is a three piece service connection consisting of a PVC Hub, Rubber Sleeve and Stainless Steel Band. INSERTA TEE is compression fit into the cored wall of a mainline and requires no special tooling. INSERTA TEES are designed to connect 4" (100mm) through 15" (375mm) services to all known solidwall, profile, closed profile, and corrugated pipe manufactured today.

INSERTA TEE for NEW & REHAB installations allows:

- Reduction in labor hours
- Services to be connected where needed
- Easier grading of mainline

INSERTA TEE for TAPPING EXISTING LINES without disturbing the bedding while eliminating:

- Glues, epoxies and grout
- Tightening and retightening of bands around mainline
- Awkward gaskets

INSERTA TEE for Sliplining, Pipe Bursting, Relining (Fold-and-Formed products and Cured-in-Place Products) allows:

- Compression fitting directly into new liner
- Elimination of banding around new liner
- Simple installation - no special equipment

INSERTA FITTINGS Co.

Tel 503/357-2110

Fax 503/359-5417

Email insertat@teleport.com

www.insertatee.com



APPLICATIONS

- Sanitary Sewers
- Storm Sewers
- Pipe Bursting
- Sliplining
- FFP
- CIPP
- Manholes
- Wet Wells
- Drainage
- Irrigation

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

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Rubber Sleeve



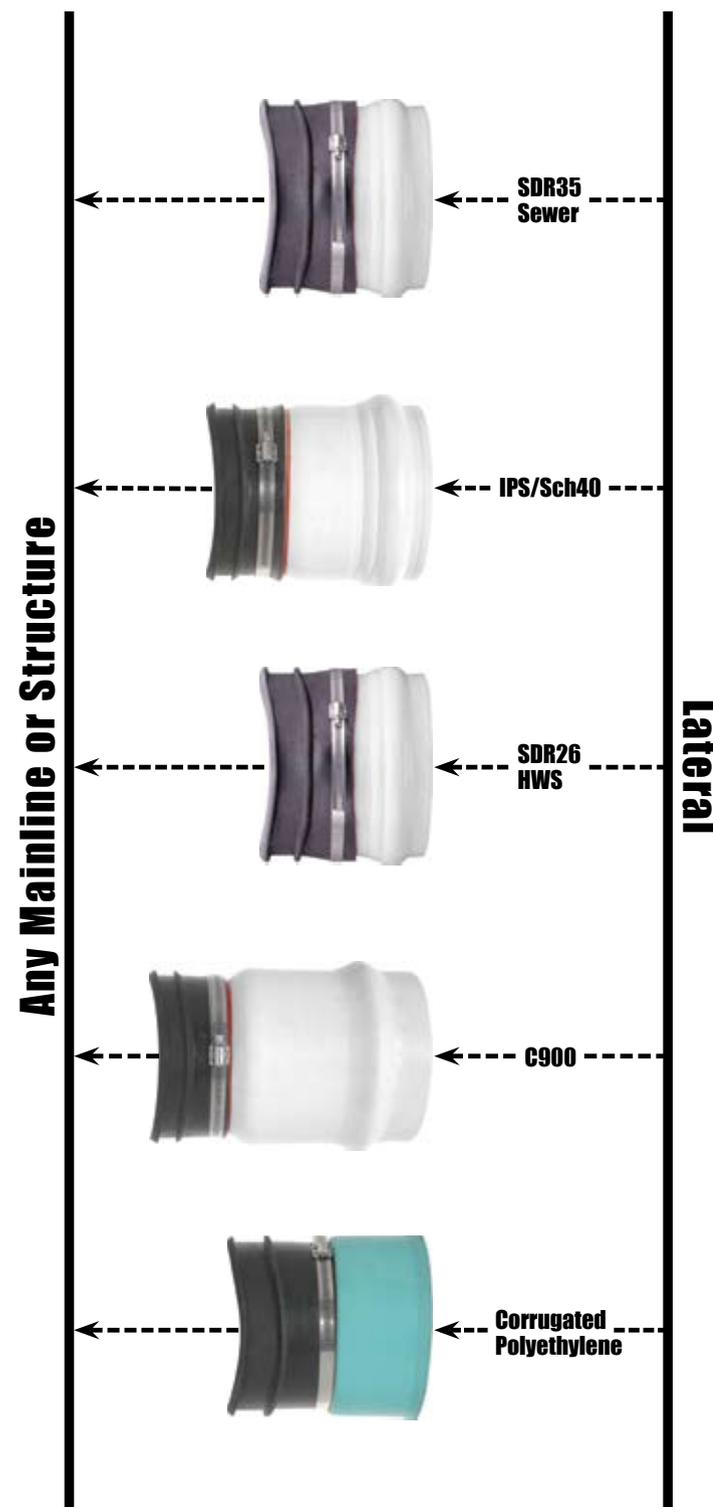
Stainless Steel Band



Gasketed PVC Hub

SPECIFICATIONS

PVC HUB	D 3034 SDR 35 & SDR26
Rubber Sleeve	ASTM F477
Band	301 SS
Screw	305 SS
Housing	301 SS
Gasket	ASTM F477



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INSERTA TEE® FITTINGS FOR ALL GRAVITY FLOW PIPE AND MANHOLES

- Ductile Iron
- Ultra Rib
- Fiberglass
- Perma Loc
- PVC
- Vylon
- Truss
- N12
- A2000
- Concrete
- Clay
- Asbestos Cement
- Spirolite
- Pro 21
- Hi Q/Sure-Lok
- Polyethylene
- PW RIB
- Corrugated Metal
- Ultra Corr
- Solflo Max
- Gold FLO
- KOR FLO
- Weholite
- Q-Seal

TEST RESULTS

- 12 PSI for 50 hours, no leakage

Major Pipe Manufacturer. 1992

- 16.5 PSIG for 10 minutes, no leakage
- 22" Hg for 10 minutes, no leakage
- Back to room pressure
- 22" Hg for 10 minutes, no leakage
- Pipe Deflection 5%
- Pressure at 10.8 PSIG for 10 minutes, no leakage

Reference Document: ASTM 3212.

Northwest Testing Labs, Portland, Oregon. 1991

- *"...FOWLER INSERTA TEE APPROVED."

State of Oregon, Plumbing Advisory Board. 1982

SOME OF OUR CLIENTS

Pipe Manufacturers

- Advanced Drainage Systems
- Contech
- Uponor ETI
- Lamson Vylon
- Quail Piping
- Hancor
- Hobas
- IPEX, Inc.
- J-M Mfg.
- Pacific Western
- Diamond Plastics
- Performance Pipe
- Rehau Industries, Inc.
- Armtec
- Prinsco

Cities

- Seattle, Washington
- Sacramento, California
- Houston, Texas
- Rochester, New York, Town of Greece
- Portland, Maine
- Saint Louis, Missouri
- Sarasota, Florida
- Fulton County, Georgia

CORING MACHINE

INSERTA FITTING's electric coring machine is designed for fast and efficient operation for coring hole sizes up to 15" (375mm) in any type of pipe.

Recommended for all Concrete, Clay, Fiberglass, D.I. and 10"-15" INSERTA TEES into PVC and Polyethylene Pipe.



DIAMOND BITS

Our diamond bits are of the highest quality to ensure maximum holes per bit.

Diamond bits recommended for concrete, clay, fiberglass and D.I..

HOLE SAWS

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

Hole saws recommended for 4 1/2", 6 1/2", and 8 3/4" laterals into PVC and polyethylene pipe. 4", 6" and 8" hole saw can be used with 1/2" handheld drill.



TYPES AVAILABLE FOR ALL MAINLINES

- PSM/Sewer Gasketed Bell
- IPS/Sch 40 Gasketed Bell
- C900 Gasketed Bell
- Corrugated Poly non-Gasketed Bell
- HWS Gasketed Bell

INSERTA FITTINGS Co.

*INSERTA FITTINGS, formerly Fowler Manufacturing, was established in 1969 as an excavating and fabrication shop. By combining new technology with down to earth problem-solving and "in trench" experience, INSERTA FITTINGS brings you a significant improvement and cost effective solution for sideservice connections - INSERTA TEE.

Easy, Fast & Watertight