

**INSERTA TEE®**

# THE LATERAL CONNECTION SOLUTION®

## 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](mailto:insertat@teleport.com)

[www.insertatee.com](http://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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**FITS ANY MAINLINE OR STRUCTURE**

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

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**Rubber Sleeve**



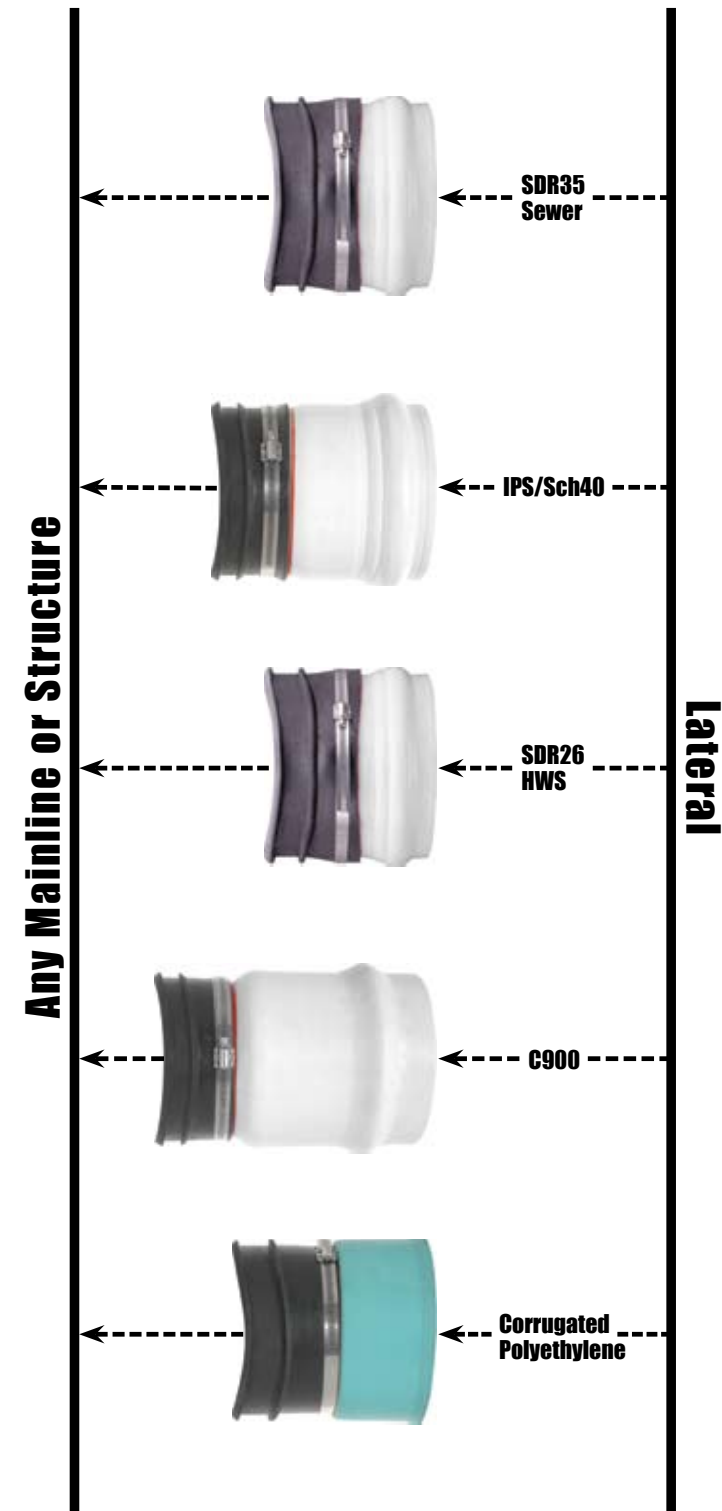
**Stainless Steel Band**



**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