

PE VALVE TEE OPERATING INSTRUCTIONS

1. THREAD MALE PIPE THREAD BASE ON VALVE TEE INTO PREPARED METALLIC MAIN. THE TEE SHOULD BE THREADED INTO MAIN UNTIL SEAL HAS BEEN ESTABLISHED FOLLOWING YOUR COMPANY PROCEDURES.

NOTE: TORQUE SHOULD BE APPLIED TO METALLIC BASE TO OBTAIN LEAK FREE JOINT.

2. BY HAND, ROTATE OUTLET OF TEE TO DESIRED POSITION. THE METALLIC BASE SHOULD BE HELD IN POSITION DURING THIS OPERATION WITH A WRENCH. **DO NOT TURN OUTLET MORE THAN ONE FULL ROTATION.**
3. THE ID SEAL® CON-STAB ELBOW SHOULD BE INSTALLED TO THE OUTLET PER THE INSTRUCTIONS LISTED ON THE BACK OF THIS SHEET.
4. THE SERVICE PIPING SHOULD BE CONNECTED TO THE ELBOW PER THE INSTRUCTIONS LISTED ON THE BACK OF THIS SHEET. THE SERVICE IS TO BE CONNECTED AFTER THE BRASS BASE TEE HAS BEEN CONNECTED TO THE MAIN FOLLOWING YOUR COMPANY PROCEDURES.
5. ONCE THE SERVICE HAS BEEN ESTABLISHED, PRESSURE TEST ON THE NEW INSTALLATION CAN BE APPLIED. THE PRESSURE TEST SHOULD NOT EXCEED 150 PSI.
6. TO ALLOW FLOW THRU THE SERVICE REMOVE PIPE CAP. USING A 3/8" ALLEN WRENCH AND TURNING COUNTER CLOCKWISE, BACK VALVE PLUG UP UNTIL IT IS FLUSH WITH TOP OF TEE. IT IS IMPORTANT THAT THE VALVE PLUG DOES NOT PROTRUDE ABOVE TEE.
7. VERIFY O RING IS IN PIPE CAP. INSTALL PIPE CAP ON TEE BODY AND SCREW DOWN HAND TIGHT. DO NOT USE WRENCHES ON PIPE CAP.

IMPORTANT

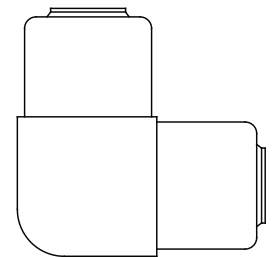
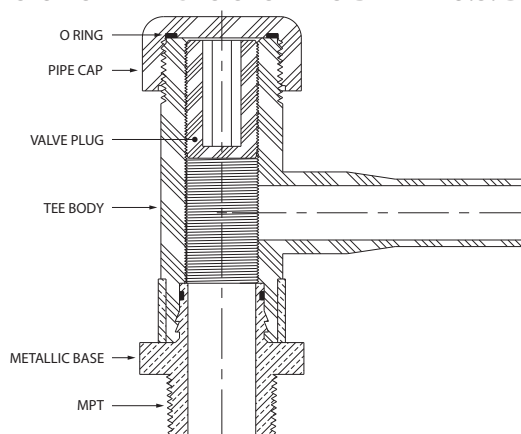
For use on:
Polyethylene gas pipe meeting the requirements of ASTM D 2513

Pressure Rating: 75 psig MAOP

Operating Temperature: -20 to 140° F

NOTES:

1. BRASS BASE SHOULD BE PROTECTED AGAINST CORROSION. FOLLOW YOUR COMPANIES PROCEDURES.
2. IT IS ADVISABLE TO LIMIT SHEAR AT MAIN CONNECTIONS. IN THIS REGARD, YOUR COMPANY'S POLICIES SHOULD BE FOLLOWED. FOR FURTHER INFORMATION, REFERENCE; ASTM D 2774 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PRESSURE PIPING; CODE OF FEDERAL REGULATIONS, TITLE 49, TRANSPORTATION PART 192; AGA PLASTIC PIPE MANUAL AND/OR THE GUIDANCE MANUAL FOR OPERATORS OF SMALL GAS SYSTEMS BY THE U.S. DEPARTMENT OF TRANSPORTATION.
3. **DO NOT TIGHTEN THE VALVE PLUG.** THE PE VALVE TEE IS SHIPPED WITH THE VALVE PLUG SEATED TO ALLOW A 150 PSI PRESSURE TEST THROUGH THE CAP OR SERVICE WITHOUT LEAKAGE INTO THE MAIN.
4. IF THE VALVE PLUG IS USED TO SHUT OFF AN ESTABLISHED SERVICE, DO NOT EXCEED 15 INCH-POUNDS OF TORQUE.



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ASSEMBLY INSTRUCTIONS : I.D. SEAL® CON-STAB

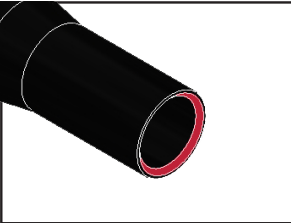
1 Install PE Valve Tee onto main following steps 1 and 2 from the front of this sheet.



2 Stab depth is pre-marked on PE Valve Tee outlet.



3 PE Valve Tee outlet is pre-chamfered. No Chamfering of PE Valve Tee outlet required.



4 Stab Con-Stab Elbow completely onto PE Valve Tee outlet.



5 Mark for stab depth should be within 1/8" from the elbow entrance.



6 Verify the stab fitting is the correct size for the polyethylene (P.E.) pipe. Verify the SDR (or wall thickness) of the pipe matches the SDR (or wall thickness) printed on the fitting label.



7 Cut pipe ends square.



8 Clean piping thoroughly to assure there is no dirt, grease or oil in assembly area.



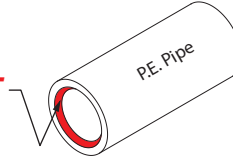
9a Chamfer end of pipe using [Continental's ID chamfering tool with ID gauge.](#)
or



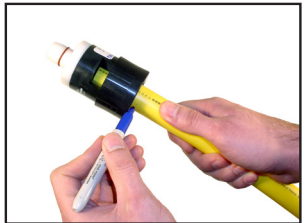
9b Chamfer end of pipe using [Continental's double ended ID chamfering tool.](#)



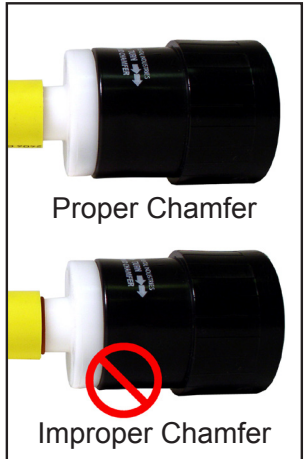
IMPORTANT
CHAMFER THE
ID OF PIPE



10 Mark the stab depth by inserting pipe into ID chamfer tool and marking the pipe at the entrance as shown.



11 If using ID chamfer tool with gauge, check for proper chamfer by inserting pipe on gauge up to the o ring. With proper chamfer, o ring will begin to enter pipe.



12 Stab pipe completely into elbow entrance.



13 Stab pipe completely into elbow so that the mark on the pipe is within 1/8" from the fitting entrance.



14 To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test Requirements, the joint shall be leak tested.