

Xirtec® CPVC One-Piece Ball Valve

XIRTEC® CPVC POTABLE WATER PIPING SYSTEM

Xirtec® CPVC is a thermoplastic piping system that may be used for the distribution of potable water in the United States and where approved by authorities having jurisdiction (AHJ). Xirtec CPVC has a full offering of Pipe, Fittings, Cements and High Performance Ball Valves.

INSTALLATION PROCEDURES:

Solvent weld Xirtec CPVC One-Piece Ball Valves using the standard solvent welding procedure outlined in the Xirtec® CPVC Potable Water Piping System manual found at www.ipexna.com.

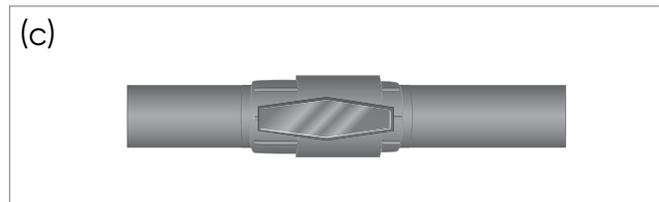
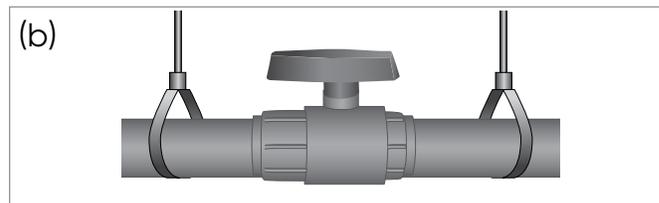
To avoid damage to the valves, follow these important steps during installation:

- Always ensure the valve handle is in the open position. Never install valves with the handle in the closed position as this exposes the ball to dirt, solvent cement, and possible damage.
- Always ensure Xirtec CPVC valves are properly supported during the solvent welding procedure. The weight of an unsupported valve may cause unwanted stress on new solvent cement joints.
- Solvent weld pipe to valve ends:
IPEX recommends that the valve be solvent welded horizontally before installing the assembly in the final vertical or horizontal position to avoid solvent cement from contacting the ball and interfering with the valve function.

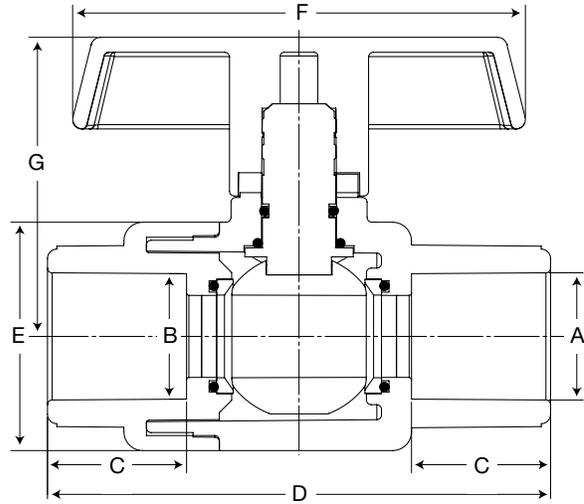
NOTE: Solvent cement shall only be in contact with the fitting socket and pipe. DO NOT use excessive cement as it may puddle inside the valve and interfere with the PTFE valve seat or the ball inside the valve. Solvent cement will damage these components and prevent proper sealing. Discard any valve that has solvent cement on these components.

NOTE: The manufacturer is not responsible for damages or poor performance due to the improper installation, improper use, or modifications made to the valve.

DISMANTLING: The One-Piece Ball Valve cannot be serviced, and must be replaced as required.

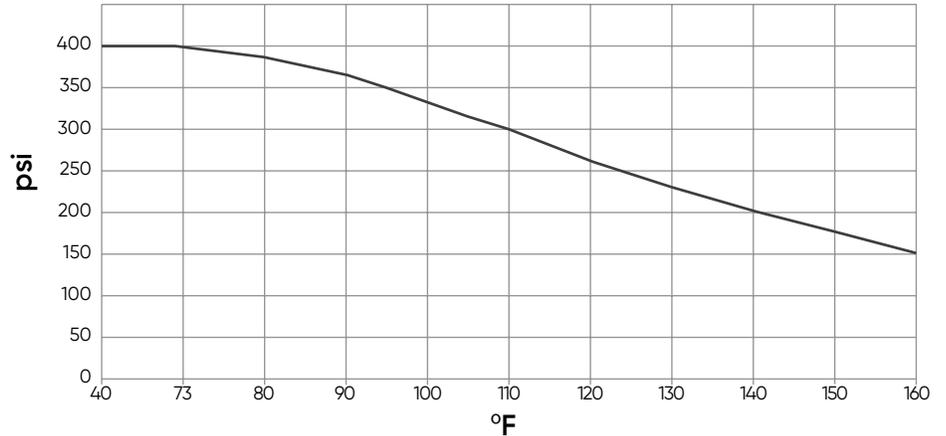


XIRTEC® CPVC ONE-PIECE BALL VALVE



Size inches	A	B	C	D	E	F	G
1/2	0.848	0.836	0.698	3.31	1.52	3.03	2.01
3/4	1.058	1.046	0.729	3.82	1.82	3.62	2.41
1	1.325	1.310	0.885	4.31	2.16	4.12	2.81

Working Pressure/Temperature Curve



Xirtec® CPVC Products must have been used only in applications and under conditions (handling, installation, testing, use, water temperature, maintenance, repairs, etc.) that are strictly in compliance with these specific instructions and with the Vendor’s Xirtec® CPVC technical manuals and installation instructions currently available from the Vendor at the time of installation. The Xirtec® CPVC system for hot and cold water applications is designed as a system and must be installed as such. Only products approved by IPEX as part of the Xirtec® CPVC system for hot and cold water applications must be used. Mixing pipe, fittings, valves, sealants or joining methods not approved by IPEX can result in unsafe conditions and will void the warranty of the affected system. For complete details see ipexna.com.