



Installation, Operation and Maintenance of Threaded and Soldered Ball Valves

Ball Valve Installation

Threaded Ball Valve Installation

- Pipe connections should be free of dirt and metal shavings.
- Pipe Dope or Teflon tape (1-2 wraps) is recommended for use as the pipe joint sealant.
- Two wrenches are required when installing the valve. One wrench should be placed on the hex nearest the joint being tightened. This will prevent breaking the joint between the tailpiece-to-body seal.

Solder Ball Valve Installation

- Proper preparation of the copper tubing prior to installation is critical to getting a joint. The tubing must be cut square, de-burred, and cleaned with a solvent.
- These valves are designed to be soft soldered.
- Install valve in the open position.
- Wrap the valve body with a damp cloth.
- Apply heat directing the flame away from the body or center of the valve. Excessive heat can damage the tailpiece-to-body seal and the Teflon seats.

Maintenance

Tighten the packing gland screw clockwise as needed. Excessive tightening will increase the torque required to operate the valve. Only tighten until leak stops. If all of the adjustment to the packing gland has been made and valve continues to leak at stem remove the lever and packing gland nut and add additional packing ring on top of the old packing. Reassemble the lever and packing gland nut.

Caution: Do not disassemble valve while under pressure.