



Ball Valve

Installation Instructions:

1. Ensure the pipeline is free of dirt or debris. Flush system if necessary. Foreign matter can damage valve or degrade performance.
2. Thoroughly clean pipe threads and apply thread dope to the male thread only. PTFE thread sealant is recommended for most applications. (Installer is responsible for selecting a sealant compatible with fluid).
3. Apply torque to the valve at wrenching flats nearest the end being assembled. Do not apply torque through the full length of the valve body as this may compromise the integrity of the body to end piece seal. Care should be taken not to over tighten as this can cause distortion of the valve body and affect valve performance. Pipe wrenches should not be used on the valve as they can crush the body distorting the NPT thread.
4. A tight leak free joint can be obtained on valves 2" and under by rotating the valve 2 to 3 turns relative to the pipe, larger valves should be turned 1 1/2 to 2 turns. (Basic Dimensions, American National Standards Taper Pipe Threads, NPT ANSI B1.20.1-1983.)
5. After installation operate the valve through several full open to close cycles. Check tightness of stem packing.
6. For valves with NPT side taps assembly is the same as end connections. Tighten the mating part 2 to 3 turns past hand tight while holding the valve securely. The valve should be secured at the wrenching flats only. Applying a radical load on the main part of the body can distort it.

Operation Instructions:

The valve is opened by turning counterclockwise one quarter turn and close by turning clockwise. Valve state is indicated by the lever. A closed valve's lever is at 90° to the valve axis. When the valve is open the lever lies along axis.