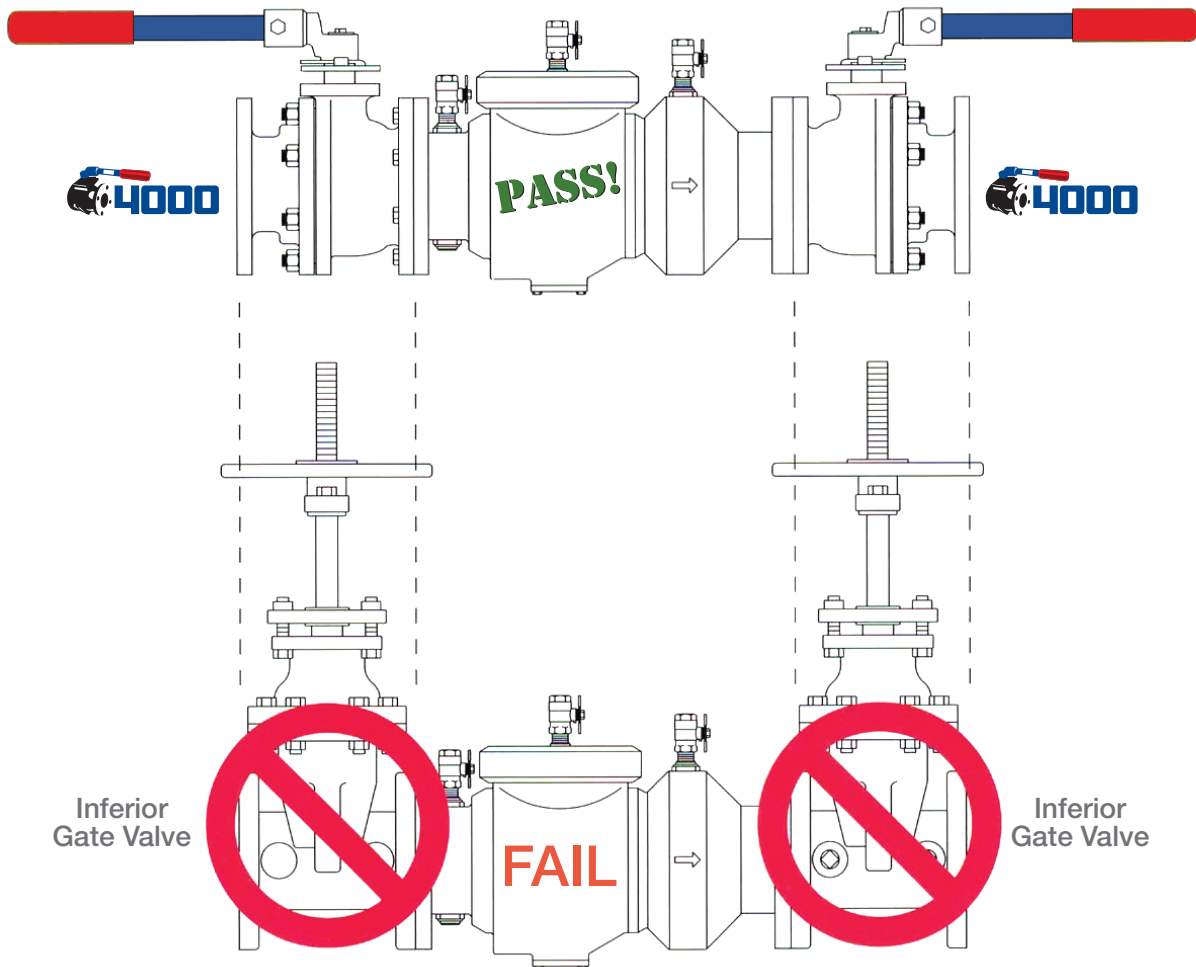


Pass Your Annual Backflow Preventer Test!

The superior design of the **American Valve 4000 Series Ball Valve** with a **PFA*-Fused Ball** assures positive shut-off and maintenance-free operation which easily passes the Annual Backflow Prevention Device Test.



Gate valves **FAIL** to achieve positive shut-off, even when new. As corrosion forms, gate valves often require a cheater bar to force the handwheel in an attempt to achieve valve closure. In addition, most gate valves require costly maintenance each year before they can pass the Annual Backflow Prevention Device Test.

Reduce your maintenance costs. Replace leaking, inferior gate valves with the **American Valve 4000 Series Ball Valve with a PFA*-Fused Ball**.



American Valve's patented **4000 Series™ Cast Iron Ball Valve** has been engineered to replace any IBBM Gate Valve, All Iron Gate Valve, or Plug Valve.



- A126 Class B Cast Iron Body
- PFA* Fused Solid Ball
- Blow-out Proof Stainless Steel Stem
- Reinforced PTFE Seats
- Face to Face and Flanged Dimensions conform to ANSI Standard B16.10 which *exactly match end to end dimensions of all cast iron gate valves and plug valves*
- Lockable in Full Open or Closed Positions
- Mounting Pad for Easy Actuation
- Adjustable Length/Removable Handles to fit into areas of limited space
- Full Port through 6"
- Certified to meet the requirements of NSF/ANSI 61 and NSF/ANSI 372

RATING:

125 psi WSP, 200 psi WOG, 353° F

SPECIFICATIONS:

MSS SP-72
ANSI B16.10
FED. SPEC. WW-V-35
AWWA C507-99 Proof of Design Test

*PFA is an ingredient commonly branded as Teflon®.



LEAK RATE CHART

The leak rates listed are for brand new, factory tested gate valves. Leak rates increase substantially once they are in service. In other words, all gate valves are defective before they are even placed into service.

Refer to the chart below for the leak-rate comparison between the **4000 Series Ball Valve** and gate valves.

VALVE SIZE	4000 Series Ball Valves – Resilient Seats	All Iron & IBBM Gate Valves – Metal Seats
	<i>Air Test (bubbles/min.)</i>	
≤2"	0	0
2½"	0	10
3"	0	12
4"	0	16
6"	0	24
8"	0	32
10"	0	40

1) API 598 & ISO 5208

2) Test duration for this size range is 1 minute.

