



API 600 Gate Valve Seat Tightness

All APV Gate valves are high and low pressure tested. Furthermore even though API598 allows some leakage, the acceptance level for the low pressure test on APV Gate valves is stricter than API598 allows. The below example shows ANSI 150LB. On the high pressure test, APV's leakage acceptance criteria is generally always less leakage than is allowed by API598. For instance in 150 class Gate valves up to 400NB our leakage acceptance rate is under half of the API allowable rate.

On request, we can also supply to BS6755-1 or ISO 5208 class 'A' test standard (zero leakage).

SIZE (in)	APV TEST STANDARD	SEAT LEAKAGE RATE API 598	
	Low Pressure Test	Low Pressure Test (1)	High Pressure Test (2)
2	0	0	0
2.5 - 6	4	24	12
8 - 12	6	40	20
14 - 16	10	56	28
18 - 24	16	56	28

(1) Bubbles per minute (2) Drops per minute