

API 600 GATE VALVE SEAT TIGHTNESS 150LB GATES

All Australian Pipeline Valve API 600 gate valves are high and low pressure tested. Furthermore, even though API 598 allows some leakage, the acceptance level for the high pressure hydrostatic test on APV gate valves is stricter than API 598 allows. The below example shows ANSI 150LB. In addition, our low pressure test leakage acceptance is also lower than API 598 allows.

On request, we can also supply to ISO 5208 (EN 12266-1) class 'A' (previously BS 6755-1) test standard (zero leakage).

| SIZE (in) | SEAT LEAKAGE RATE API 598 | | APV TEST STANDARD |
|-----------|---------------------------|------------------------|------------------------|
| | Low Pressure Test (1) | High Pressure Test (2) | High Pressure Test (2) |
| 2 | 0 | 0 | 0 |
| 2.5 - 6 | to 24 | to 12 | 5 - 8 |
| 8 - 12 | to 48 | to 24 | 10 - 16 |
| 14 - 16 | to 64 | to 32 | 18 - 25 |
| 18 - 24 | to 96 | to 48 | 26 - 35 |

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

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API598 Gate Valve API600 Test R3 - AS