



After assembling, before delivery, all Christensen Plug Valves pass through a careful pressure test. The test is carried out acc. to the following standards: ASME B. 16.34, BS 1560, BS 6755 API 598 and ASME B16.1. If the customer or his representative wants to participate at the test – or, if there are special requirements to the pressure testing, this must be arranged with the manufacturer and stipulated in the purchase order.

Material	ASME B16.1	( $\frac{1}{2}$ " to 12")		Class (14" to 36")			
		125	250	125	250		
Semi Steel ASTM A126 Class B	Maximum Cold PSI Working Pressure BAR	200 13,8	500 34,5			150 11	300 21
	Hydrostatic Shell PSI Test BAR	300 20,7	750 51,8			230 16	450 30
	Seat Test Min. PSI Min. Bar	220 15,2	550 37,9			165 12	

Material		Class						
		150	300	400	600	900	1500	2500
Carbon Steel ASTM A216 Gr. WCB	Maximum Cold PSI Working Pressure BAR	285 19,6	740 51,1	990 68,1	1480 102,1	2220 153,2	3705 255,3	6170 425,5
	Hydrostatic Shell PSI Test BAR	450 30	1125 77	1500 103	2225 154	3350 230	5575 383	9275 639
	Seat Test Min. PSI Min. Bar	315 21,5	815 56,2	1090 74,9	1630 112,3	2442 168,5	4075 280,8	6787 468

Material		Class						
		150	300	400	600	900	1500	2500
Carbon Steel ASTM A352 Gr. LCB	Maximum Cold PSI Working Pressure BAR	265 18,4	695 47,9	925 63,8	1390 95,9	2085 143,8	3470 239,4	5785 399
	Hydrostatic Shell PSI Test BAR	400 28	1050 72	1400 96	2100 144	3150 216	5225 360	8700 599
	Seat Test Min. PSI Min. Bar	292 20,2	765 52,7	1018 70,2	1529 105,5	2294 158,2	3817 263,3	6364 438,9

Material		Class						
		150	300	400	600	900	1500	2500
Stainless Steel ASTM A351 Gr. CF8M	Maximum Cold PSI Working Pressure BAR	275 19,0	720 49,6	960 66,2	1440 99,3	2160 148,9	3600 248,1	6000 413,6
	Hydrostatic Shell PSI Test BAR	425 29	1100 75	1450 100	2175 149	3250 224	5400 373	9000 621
	Seat Test Min. PSI Min. Bar	303 20,9	792 54,6	1056 72,8	1584 109,2	2376 163,7	3960 272,9	6600 454,9

Material		Class						
		150	300	400	600	900	1500	2500
ASTM A216 Gr. WCC ASTM A352 Gr. LCC ASTM A352 Gr. LC2 ASTM A890 Gr. 4A	Maximum Cold PSI Working Pressure BAR	290 20	750 51,7	1000 69	2500 103,4	2250 155,2	3750 258,6	6250 431,0
	Hydrostatic Shell PSI Test BAR	450 30	1125 78	1500 104	2250 156	3375 233	5625 388	9375 647
	Seat Test Min. PSI Min. Bar	319 22	825 56,9	1100 75,9	1650 113,7	2475 170,7	4125 284,5	6875 474