

Pressure Temperature Rating as per ASME B16.34

A 182 F 316- A 351 CF8M - A 351 CF3M							
°C	Working pressure (bar) by classes						
	150	300	600	800	900	1500	2500
-29 -38	19.0	49.6	99.3	132.4	148.9	248.2	413.7
93	16.5	42.7	85.5	114.1	128.2	213.4	355.8
149	14.8	38.6	77.2	103.1	115.8	192.7	321.3
204	13.4	35.5	71.0	94.5	106.2	177.2	295.1
260	11.7	33.1	65.8	87.9	98.9	164.8	274.4
316	9.7	31.0	62.4	83.1	93.4	155.5	259.2
343	8.6	30.7	61.4	81.7	91.7	153.1	255.1
371	7.6	29.6	59.6	79.3	89.3	148.9	248.2
399	6.6	29.3	58.3	77.9	87.6	145.5	242.7
427	5.5	28.6	57.2	76.2	85.8	143.1	238.6
454	4.5	27.9	55.8	74.5	83.8	140.0	233.0
482	3.4	27.2	54.5	72.4	81.4	135.8	226.1
510	2.4	26.5	53.4	71.0	80.0	133.1	222.0
538	1.4	25.2	50.0	66.9	75.2	125.5	208.9
566	1.4	24.8	49.6	66.2	74.5	124.1	206.8
593	1.4	22.4	44.5	59.3	66.5	111.0	185.1
621	1.4	19.0	37.9	50.7	56.9	94.5	157.5
649	1.4	14.1	28.3	37.9	42.7	71.0	118.2
677	1.4	12.4	25.2	33.4	37.6	62.7	104.5
704	1.4	9.7	19.0	25.2	28.3	47.2	78.9
732	1.4	7.2	14.1	19.0	21.4	35.5	59.3
760	1.4	5.2	10.3	13.8	15.5	26.2	43.4
788	1.4	4.1	7.9	10.7	12.1	20.0	33.4
816	1.0	2.8	5.9	7.6	8.6	14.1	23.8
For welding end. Flanged end ratings terminate at 538° A 351 CF3M: not be used over 454°C							