

ANSI FLANGE ASTM A182 Gr. F316, 316L

The flange rating table shows the maximum pressure for flanges of classes 150/300/400/600/900/1500/2500 at increasing temperatures (Celsius or Fahrenheit) – in PSI

ANSI/ASME B16.34	ANSI PRESSURE RATING						
Temperature °F	150#	300#	400#	600#	900#	1500#	2500#
-20 to 100	275	720	960	1440	2160	3600	6000
200	235	620	825	1240	1860	3095	5160
300	215	560	745	1120	1680	2795	4660
400	195	515	685	1025	1540	2570	4280
500	170	480	635	955	1435	2390	3980
600	140	450	600	900	1355	2255	3760
650	125	445	590	890	1330	2220	3700
700	110	430	580	870	1305	2170	3620
750	95	425	570	855	1280	2135	3560
800	80	420	565	845	1265	2110	3520
850	65	420	555	835	1255	2090	3480
900	50	415	555	830	1245	2075	3460
950	35	385	515	775	1160	1930	3220
1000	20	350	465	700	1050	1750	2915
1050	20	345	460	685	1030	1720	2865
1100	20	305	405	610	915	1525	2545
1150	20	235	315	475	710	1185	1970
1200	20	185	245	370	555	925	1545
1250	20	145	195	295	440	735	1230
1300	20	115	155	235	350	585	970
1350	20	95	130	190	290	480	800
1400	20	75	100	150	225	380	630
1450	20	60	80	115	175	290	485
1500	20	40	55	85	125	205	345