



TAURUS

ENGINEERING SOLUTIONS

TEL: 031 533 5100 | CELL: 082 575 7802

FORGED STEEL PIPE FITTINGS SCREWED AND SOCKET WELD PRESSURE TEMPERATURE TABLES (in PSI)

Pressure Class	2000 Lb				3000 Lb				4000 Lb				6000 Lb			
Service Temperature Degree F.	Carbon Steel A-105 Gr.2	½ Cr. ½ Mo. A-182 Gr. F11	5 Cr. ½ Mo. A-182 Gr. F5	A-182 Grade F-316	Carbon Steel A-105 Gr.2	½ Cr. ½ Mo. A-182 Gr. F11	5 Cr. ½ Mo. A-182 Gr. F5	A-182 Grade F-316	Carbon Steel A-105 Gr.2	½ Cr. ½ Mo. A-182 Gr. F11	5 Cr. ½ Mo. A-182 Gr. F5	A-182 Grade F-316	Carbon Steel A-105 Gr.2	½ Cr. ½ Mo. A-182 Gr. F11	5 Cr. ½ Mo. A-182 Gr. F5	A-182 Grade F-316
20 to 100	2000	2000	2000	2000	3000	3000	3000	3000	4000	4000	4000	4000	6000	6000	6000	6000
150	1970	1970	1970	1970	2955	2955	2955	2955	3940	3940	3940	3940	5915	5915	5915	5915
200	1940	1940	1949	1940	2915	2915	2915	2915	3885	3885	3885	3885	5830	5830	5830	5830
250	1915	1915	1915	1915	2875	2875	2875	2875	3830	3830	3830	3830	5750	5750	5750	5750
300	1895	1895	1895	1895	2845	2845	2845	2845	3790	3790	3790	3790	5690	5690	5690	5690
350	1875	1875	1875	1875	2810	2810	2810	2810	3750	3750	3750	3750	5625	5625	5625	5625
400	1850	1850	1850	1850	2775	2775	2775	2775	3700	3700	3700	3700	5550	5550	5550	5550
450	1810	1810	1810	1810	2715	2715	2715	2715	3620	3620	3620	3620	5430	5430	5430	5430
500	1735	1735	1735	1735	2605	2605	2605	2605	3470	3470	3470	3470	5210	5210	5210	5210
550	1640	1640	1640	1640	2460	2460	2460	2460	3280	3280	3280	3280	4925	4925	4925	4925
600	1540	1540	1540	1540	2310	2310	2310	2310	3080	3080	3080	3080	4620	4620	4620	4620
650	1430	1430	1430	1430	2150	2150	2150	2150	2865	2865	2865	2865	4300	4300	4300	4300
700	1305	1340	1340	1370	1960	2010	2010	2055	2610	2680	2680	2740	3920	4025	4025	4110
750	1180	1245	1245	1305	1775	1870	1870	1960	2365	2495	2495	2610	3550	3745	3745	3920
800	1015	1155	1155	1240	1525	1735	1735	1865	2030	2310	2310	2485	3050	3470	3470	3730
850	830(1)	1060	1060	1180	1250(1)	1595	1595	1770	1665(1)	2125	2125	2360	2500(1)	3190	3190	3540
875	725(1)	1015	1015	1145	1090(1)	1525	1525	1720	1450(1)	2035	2035	2295	2180(1)	3055	3055	3445
900	615(1)	970	970	1115	925(1)	1455	1455	1675	1235(1)	1940	1940	2230	1855(1)	2915	2915	3350
925	520(1)(2)	925	925	1085	785(1)(2)	1385	1385	1630	1045(1)(2)	1850	1850	2170	1570(1)(2)	2775	2775	3260
950	425(1)(2)	880	880	1055	640(1)(2)	1320	1320	1580	855(1)(2)	1760	1760	2110	1285(1)(2)	2640	2640	3165
975	330(1)(2)	830	830	1020	500(1)(2)	1250	1250	1535	655(1)(2)	1665	1665	2045	1000(1)(2)	2500	2500	3070
1000	235(1)(2)	740	695	990	355(1)(2)	1115	1040	1485	475(1)(2)	1485	1390	1980	715(1)(2)	2230	2085	2975
1025	-	630(1)	595	960	-	950(1)	890	1440	-	1265(1)	1190	1920	-	1900(1)	1785	2880
1050	-	520(1)	495	925	-	785(1)	740	1390	-	1045(1)	990	1855	-	1570(1)	1485	2785
1075	-	450(1)	405	895	-	675(1)	605	1345	-	900(1)	810	1790	-	1355(1)	1215	2690
1100	-	380(1)	315	865	-	570(1)	470	1295	-	760(1)	630	1730	-	1145(1)	945	2595
1125	-	310(1)(2)	260	830	-	465(1)(2)	390	1250	-	620(1)(2)	520	1665	-	930(1)(2)	785	2500
1150	-	235(1)(2)	210	810	-	355(1)(2)	315	1215	-	475(1)(2)	420	1620	-	715(1)(2)	630	2430
1175	-	175(1)(2)	175	725	-	265(1)(2)	265	1090	-	350(1)(2)	350	1455	-	530(1)(2)	530	2185
1200	-	115(1)(2)	140	645	-	170(1)(2)	215	970	-	230(1)(2)	285	1295	-	345(1)(2)	430	1945

NOTES:

- (1) Product used within the jurisdiction of Section 1, Power Boilers, of the ASME Boiler and Pressure Vessel Code is subject to the same maximum temperature limitations placed upon the material in Table P7, 1956 edition thereof.
- (2) Product used within the jurisdiction of Section 1, Power Piping, of the ASA Code for Pressure Piping, B31.1, is subject to the same maximum temperature limitations upon piping of the same general composition in Table 2a of ASA B31.1 - 1955.

Steel valves, flanges, fittings, and unions are classified by either the Primary Rating or the Cold Working Pressure Rating depending on the type of product. The Primary Rating is a pressure rating established by standards and accepted practice at an elevated temperature. The Cold Working Pressure Rating is the rating at ambient temperature (minus 20°F. to 100°F.). This rating is frequently referred to as the CWP (Cold Working Pressure) or WOG (Water, Oil, and Gas) Rating.