



## Pressure-Temperature Ratings On Carbon Steel Butt Weld Fittings

Based on Code for Pressure Piping B31.1

### STANDARD

Nominal Pipe Size	Wall Thickness*	** Working Pressure-- lbs per square inch at the Fahrenheit Temperature Indicated			
		-20° to 650°	700°	750°	*** 800°
1/2	.109	1695	1621	1463	1220
3/4	.113	1455	1392	1256	1046
1	.133	1575	1506	1359	1134
1 1/4	.140	1065	1019	919	766
1 1/2	.145	1005	960	867	723
2	.154	900	861	777	648
2 1/2	.203	1215	1162	1048	874
3	.216	1095	1047	945	788
3 1/2	.226	1020	975	880	734
4	.237	975	932	841	702
5	.258	885	846	764	637
6	.280	840	803	725	604
8	.322	765	731	660	550
10	.365	720	688	621	518
12	.375	630	602	543	453
14	.375	570	545	492	410
16	.375	495	473	427	356
18	.375	450	430	388	354
20	.375	405	387	349	291
24	.375	330	315	284	237
30	.375	265	254	229	190
36	.375	220	198	178	148
42	.375	189	181	163	136
48	.375	165	158	143	118

\* Nominal wall thickness; they correspond respectively to the thickness of **STANDARD WALL GRADE B** steel pipe.

\*\* Ratings apply in accordance with Sections 1 and 5 of the Code for Pressure Pipe. The values shown are based upon a corrosion allowance of 0.05 inches for sizes 1" and smaller. For sizes 1 1/4" and larger, a corrosion allowance of 0.065 inches is used.