

UPPER VALUE: BURST PRESSURE (in PSIG)		LOWER VALUES : WALL THICKNESS (in Inches) AND WEIGHT PER FOOT (in Lbs)									
NOMINAL PIPE SIZE	O.D. IN INCH	SCHEDULE									
		5's	10's	10	20	40	STD. 40's	80's	E.H. 80's	160	DBLE. E.H.
1/8	.405		18148	18148		25185	25185	35185	35185		
1/4	.540		18056	18056		24444	24444	33056	33056		
3/8	.675		14444	14444		20222	20222	28000	28000		
1/2	.840	11607	14821	14821		19464	19464	26250	26250	33393	52500
3/4	1.050	9286	11857	11857		16143	16143	22000	22000	31143	44000
1	1.315	7417	12433	12433		15171	15171	20418	20418	28517	40837
1 1/4	1.660	5873	9849	9849		12651	12651	17259	17259	22590	34518
1 1/2	1.900	5132	8605	8605		11447	11447	15789	15789	22184	31579
2	2.375	4	6884	6884		9726	9726	13768	13768	21663	27537
2 1/2	2.875	4105	6261	6261		10591	10591	14400	14400	19565	28800
3	3.5	3557	5143	5143		9257	9257	12857	12857	18771	25714
3 1/2	4.0	3112	4500	4500		8475	8475	11925	11925	16852	22467
4	4.5	2767	4000	4000		7900	7900	11233	11233	17700	22467
5	5.563	2939	3613	3613		6957	6957	10111	10111	16852	20223
6	6.625	2468	3034	3034		6340	6340	9781	9781	16257	19562
8	8.625	1896	2574	2574	4687	5600	5600	8696	8696	15756	15217
10	10.75	1870	2302	2302	3750	5093	5093	8274	8274	15756	15217
12	12.75	1835	2118	2118	3125	4776	4776	8082	8082	15756	15217
14	14.0	1671	2014	2014	3342	4693	4693	8036	8036	15756	15217
16	16.0	1546	1762	1762	2925	4688	4688	7903	7903	15756	15217
18	18.0	1375	1566	1566	2083	4683	4683	7808	7808	15756	15217
20	20.0	1410	1635	1635	1875	4448	4448	7733	7733	15756	15217
24	24.0	1362	1563	1563	2343	4294	4294	7613	7613	15756	15217

Operating pressure for TP304 and TP316 for pipes with operating temperature between -20°F and 100°F .

ASME B31.3 suggests a safety factor of 4 (eg MAWP for schd 40 pipe = 3793 psig)

For other higher temperature, multiply by the following derating values:

	300°F	500°F	1000°F
T304	.828	.774	.665
T316	.900	.853	.746

Figures and tables are for reference only. No implication is made that these values can be used for design work. Applicable codes and practices in industry should be considered.