

CARBON STEEL, ALLOYS STEEL, PIPE DIMENSIONS WEIGHT TEST PRESSURES ACCORDING TO ANSI B36.10 FOR:SPEC: ASME/ASTM A 106 GR B / API 5 L GR B / A 53 / SA 333 GR 6, GR 1 / SA335 P1, P11, P22, P5, P9, P91																						
Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure min.											
											Bult Welded		Grade A		Grade B							
in	mm	In	mm	In	mm			Ibitt	Kg/ft	Kg/m	psi	Kg/cm2	psi	Kg/cm2	psi	Kg/cm2						
1/8	6	405	10.3	.068	1.7	std	40	0.24	0.11	0.36	700	49.2	700	49.2	700	49.2						
				.095	2.4	xs	80	0.31	0.14	0.47	850	59.8	850	59.8	850	59.8						
1/4	8	0.540	13.7	.088	2.2	std	40	0.42	0.19	0.63	700	49.2	700	49.2	700	49.2						
				.119	3.0	xs	80	0.54	0.24	0.80	850	59.8	850	59.8	850	59.8						
3/8	10	0.675	17.1	.091	2.3	std	40	0.57	0.26	0.84	700	49.2	700	49.2	700	49.2						
				.126	3.2	xs	80	0.74	0.34	1.10	850	59.8	850	59.8	850	59.8						
1/2	15	0.840	21.3	.109	2.8	std	40	0.85	0.39	1.27	700	49.2	700	49.2	700	49.2						
				.147	3.7	xs	80	1.09	0.49	1.62	850	59.6	850	59.8	850	59.8						
				.188	4.78	-	160	1.31	0.60	1.95	1000	70.3	1000	70.3	1000	70.3						
				.294	7.5	xxs	-	1.71	0.78	2.55	1000	70.3	1000	70.3	1000	70.3						
3/4	20	1.050	26.7	.113	2.9	sid	40	1.13	0.51	1.69	700	49.2	700	49.2	700	49.2						
				.154	3.91	xs	80	1.47	0.67	2.20	850	59.8	850	59.8	850	59.8						
				.218	5.56	-	160	1.94	0.88	2.90	1000	70.3	1000	70.3	1000	70.3						
				.308	7.8	xxs	-	2.44	1.11	3.63	1000	70.3	1000	70.3	1000	70.3						
1	25	1.315	33.4	.133	3.4	Sid	40	1.68	0.76	2.50	700	49.2	700	49.2	700	49.2						
				.179	4.6	xs	80	2.17	0.98	3.23	850	59.8	850	59.8	850	59.8						
				.250	6.35	-	160	2.84	1.29	4.23	1000	70.3	1000	70.3	1000	70.3						
				.358	9.1	xxs	-	3.66	1.66	6.45	1000	70.3	1000	70.3	1000	70.3						
1 1/4	32	1.660	42.2	.140	3.6	sid	40	2.27	1.03	3.38	1000	70.3	1000	70.3	1000	70.3						
				.191	4.9	xs	80	3.00	1.36	4.47	1300	91.4	1500	105.5	1500	112.5						
				.250	6.35	-	160	3.76	1.71	5.50	1400	98.4	1800	126.6	1800	133.6						
				.382	9.7	x.xs	-	5.21	2.36	7.76	1400	98.4	1800	126.6	1800	133.6						
1 1/2	40	1.900	48.3	.145	3.7	sid	40	2.72	1.23	4.05	1000	70.3	1000	70.3	1000	70.3						
				.200	5.1	liS	80	3.63	1.65	5.41	1300	91.4	1500	105.5	1600	105.5						
				.281	7.1	-	160	4.85	2.20	7.24	1400	98.4	1800	126.6	1900	126.6						
				.400	10.2	xxs	-	6.41	2.91	9.55	1400	98.4	1800	126.6	1900	126.6						
2	50	2.375	60.3	.154	3.9	sid	40	3.65	1.66	5.44	1000	70.3	2300	161.7	2500	175.8						
				.218	5.5	xs	60	5.02	2.28	7.48	1300	91.4	2500	175.8	2500	175.8						
				.344	8.7	-	160	7.46	3.38	11.11	-	-	2500	175.8	2500	175.8						
				.436	11.1	xxs	-	9.03	4.10	13.45	1400	98.4	2500	175.8	2500	175.8						
2 1/5	65	2.875	73.0	.203	6.2	std	40	5.79	2.63	8.62	1000	70.3	2500	175.8	2500	175.8						
				.276	7.0	xs	80	7.66	3.47	11.41	1300	91.4	2500	175.8	2500	175.8						
				.375	9.5	-	160	10.01	4.44	14.91	1400	98.4	2500	175.8	2500	175.8						
				.552	14.0	xxs	-	13.71	6.21	20.39	1400	98.4	2500	175.8	2500	175.8						
3	80	3.500	88.9	.188	4.8	-	-	6.63	3.01	9.87	1000	70.3	-	-	-	-						
				.216	5.5	sid	40	7.58	3.44	11.41	1000	70.3	-	-	2200	154.7	2500	176.8				
				.300	7.61	liS	80	10.25	4.65	15.27	1300	94.4	-	-	2500	175.8	2500	175.8				
				.438	1.1	-	160	14.31	6.489	21.33	-	-	-	-	2500	175.8	2500	175.8				
.600	15.2	xxs	-	18.58	8.13	26.67	-	-	-	-	2500	175.8	2500	175.8								
3 1/2	90	4.000	101.6	.188	4.8	-	-	7.63	3.46	11.35	1200	84.4	-	-	-	-						
				.226	5.7	std	40	9.11	4.13	13.57	1200	84.4	-	-	2000	140.6	2400	168.7				
				.318	8.1	xs	80	12.51	5.67	18.63	1700	119.5	-	-	2800	169.9	2800	196.9				
				.156	4.0	-	-	7.25	3.29	10.79	1000	70.3	-	-	-	-	-	-				
4	100	4.500	114.3	.188	4.8	-	-	8.64	3.92	12.86	1200	84.4	-	-	-	-						
				.219	5.6	-	-	10.00	4.54	14.88	1200	84.4	-	-	-	-						
				.237	6.0	sid	40	10.79	4.89	16.07	1200	84.4	-	-	1900	133.6	2200	154.7				
				.337	8.6	xs	80	14.98	6.79	22.31	1700	119.5	-	-	2700	189.8	2800	196.9				
.438	11.1	-	120	18.98	8.61	28.30	-	-	-	-	2800	196.9	2800	196.9								
.531	13.5	-	160	22.52	10.21	33.53	-	-	-	-	2800	196.9	2800	196.9								
.674	17.7	xxs	-	27.54	12.49	41.02	-	-	-	-	2800	196.9	2800	196.9								
5	125	5.563	141.3	.258	6.6	sid	40	14.62	6.63	21.78	-	-	-	-	-	-						
				.375	9.5	x.s	80	20.78	9.43	30.95	-	-	-	-	2400	168.7	2800	196.9				
				.500	12.7	-	120	27.04	12.27	40.28	-	-	-	-	2800	196.9	2800	196.9				
				.625	15.9	-	160	32.96	14.95	49.09	-	-	-	-	2800	196.9	2800	196.9				
.750	19.0	xxs	-	38.55	17.49	57.42	-	-	-	-	2800	196.9	2800	196.9								
6	150	6.625	168.3	.280	7.11	sid	40	18.97	8.60	28.26	-	-	-	-	-	-						
				.432	11.0	xs	80	28.57	12.96	42.56	-	-	-	-	2300	161.7	2700	189.8				
				.562	14.43	-	120	36.42	16.52	54.20	-	-	-	-	2800	196.9	2800	196.9				
				.719	18.3	-	160	45.34	20.57	61.55	-	-	-	-	2800	196.9	2800	196.9				
.864	21.9	xxs	-	53.16	24.11	79.18	-	-	-	-	2800	196.9	2800	196.9								
8	200	8.625	219.1	.250	6.4	-	20	22.36	10.14	33.31	-	-	1000	70.3	1200	84.4						
				.277	7.04	-	30	24.70	11.70	36.79	-	-	-	-	1200	84.4	1300	91.4				
				.322	8.18	std	40	28.55	12.95	42.53	-	-	-	-	1300	91.4	1600	112.5				
				.406	10.3	-	80	35.66	16.18	53.09	-	-	-	-	1700	119.5	2000	140.6				
				.500	12.7	xs	80	43.39	19.68	64.63	-	-	-	-	2100	147.7	2400	168.7				
				.594	15.1	-	100	50.93	23.10	75.89	-	-	-	-	2500	175.8	2800	196.9				
				.719	18.3	-	120	60.69	27.53	90.43	-	-	-	-	2800	196.9	2800	196.9				
				.812	20.6	xxs	140	67.79	30.15	100.93	-	-	-	-	2800	196.9	2800	196.9				
				.875	22.2	-	-	72.42	32.85	107.87	-	-	-	-	2800	196.9	2800	196.9				
				.906	23.0	-	160	74.71	33.89	111.25	-	-	-	-	2600	196.9	2800	196.9				
				1.100	28.00	-	-	88.65	59.98	131.95	-	-	-	-	2800	196.9	2800	196.9				
				1.260	32.00	-	-	95.16	64.38	141.64	-	-	-	-	2800	196.9	2800	196.9				
				1.417	36.00	-	-	109.21	73.89	182.55	-	-	-	-	2800	196.9	2800	196.9				
				1.574	40.00	-	-	118.69	80.30	176.6	-	-	-	-	2800	196.9	2800	196.9				
10	250	10.750	273.0	.250	6.4	--	20	28.04	12.72	41.77	-	-	-	-	850	59.6	1000	70.3				
				.279	7.1	--	-	31.20	14.15	46.43	-	-	-	-	950	66.8	1100	77.3				
				.307	7.8	--	30	34.24	15.53	51.00	-	-	-	-	1000	70.3	1200	84.4				
				.365	9.30	std	40	40.48	18.36	60.29	-	-	-	-	1200	84.4	1400	98.4				
				.500	12.7	xs	60	54.74	24.83	81.54	-	-	-	-	1700	119.5	2000	140.6				
				.594	15.1	--	80	64.40	29.21	95.97	-	-	-	-	2000	140.6	2300	161.7				
				.719	18.3	--	100	77.00	34.93	114.70	-	-	-	-	2400	168.7	2800	196.9				
				.844	21.4	--	120	89.27	40.49	133.00	-	-	-	-	2800	196.9	2800	196.9				
				1.00	25.4	xxs	140	104.13	47.23	155.10	-	-	-	-	2800	196.9	2800	196.9				
				1.125	28.6	-	160	115.65	52.46	172.25	-	-	-	-	2800	196.9	2800	196.9				
				-	32.00	-	-	127.75	58.45	190.18	-	-	-	-	2800	196.9	2800	196.9				
				-	40.00	-	-	154.38	70.47	229.83	-	-	-	-	2800	196.9	2800	196.9				
				12	300	12.750	323.8	0.250	6.4	0	20	33.28	15.14	49.72	-	-	-	-	700	49.2	800	59.2
								0.330	8.4	-	30	43.77	19.85	65.2	-	-	-	-	950	66.8	1100	77.3
0.375	9.5	sid	-					49.56	22.48	73.82	-	-	-	-	1100	77.3	1200	84.4				
0.406	10.3	-	40					53.56	24.29	79.71	-	-	-	-	11	0	77.3	1300	1000	77.3		
0.500	12.7	xs	-					65.42	29.67	97.44	-	-	-	-	1400	98.4	1600	112.5				
0.562	14.3	--	60					73.22	33.21	108.96	-	-	-	-	1600	112.5	1900	133.6				
0.668	17.5	--	80					88.57	40.1	132.01	-	-	-	-	-	1900	133.6	2300	161.7			
0.844	21.4	--	100		107.29	48.67	159.85	--	--	--	--	2400	168.7	2800	196.9							
1.000	25.4	xxs	120		125.49	56.92	186.92	--	--	--	--	2800	196.9	2800	196.9							