

# API SEAMLESS AND WELDED STEEL PIPES

Nominal Size	Outside Diameter		Wall Thickness		Class	Sched No.	Plain End								
							Nominal Weight			Test Pressure min.					
										Butt Welded		Grade A		Grade B	
in	in	mm	in	mm		lb/ft	kg/ft	kg/m	psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	
1/8	.405	10.3	.068	1.7	std	40	.24	.11	.36	700	49.2	700	49.2	700	49.2
			.095	2.4	xs	80	.31	.14	.46	850	59.8	850	59.8	850	59.8
1/4	.540	13.7	.088	2.2	std	40	.42	.19	.63	700	49.2	700	49.2	700	49.2
			.119	3.0	xs	80	.54	.24	.80	850	59.8	850	59.8	850	59.8
3/8	.675	17.1	.091	2.3	std	40	.57	.26	.85	700	49.2	700	49.2	700	49.2
			.126	3.2	xs	80	.74	.34	1.10	850	59.8	850	59.8	850	59.8
1/2	.840	21.3	.109	2.8	std	40	.85	.39	1.26	700	49.2	700	49.2	700	49.2
			.147	3.7	xs	80	1.09	.49	1.62	850	59.8	850	59.8	850	59.8
			.294	7.5	xxs	...	1.71	.78	2.54	1 000	70.3	1 000	70.3	1 000	70.3
3/4	1.050	26.7	.113	2.9	std	40	1.13	.51	1.68	700	49.2	700	49.2	700	49.2
			.154	3.9	xs	80	1.47	.67	2.19	850	59.8	850	59.8	850	59.8
			.308	7.8	xxs	...	2.44	1.11	3.63	1 000	70.3	1 000	70.3	1 000	70.3
1	1.315	33.4	.133	3.4	std	40	1.68	.76	2.50	700	49.2	700	49.2	700	49.2
			.179	4.5	xs	80	2.17	.98	3.23	850	59.8	850	59.8	850	59.8
			.358	9.1	xxs	...	3.66	1.66	5.45	1 000	70.3	1 000	70.3	1 000	70.3
1 1/4	1.660	42.2	.140	3.6	std	40	2.27	1.03	3.38	1 000	70.3	1 000	70.3	1 100	77.3
			.191	4.9	xs	80	3.00	1.36	4.46	1 300	91.4	1 500	105.5	1 600	112.5
			.382	9.7	xxs	...	5.21	2.36	7.75	1 400	98.4	1 800	126.6	1 900	133.6
1 1/2	1.900	48.3	.145	3.7	std	40	2.72	1.23	4.05	1 000	70.3	1 000	70.3	1 100	77.3
			.200	5.1	xs	80	3.63	1.65	5.40	1 300	91.4	1 500	105.5	1 600	112.5
			.400	10.2	xxs	...	6.41	2.91	9.54	1 400	98.4	1 800	126.6	1 900	133.6
2	2.375	60.3	.154	3.9	std	40	3.65	1.66	5.43	1 000	70.3	2 300	161.7	2 500	175.8
			.218	5.5	xs	80	5.02	2.28	7.47	1 300	91.4	2 500	175.8	2 500	175.8
			.344	8.7	...	160	7.46	3.38	11.10	...	...	2 500	175.8	2 500	175.8
			.436	11.1	xxs	...	9.03	4.10	13.44	1 400	98.4	2 500	175.8	2 500	175.8
2 1/2	2.875	73.0	.203	5.2	std	40	5.79	2.63	8.62	1 000	70.3	2 500	175.8	2 500	175.8
			.276	7.0	xs	80	7.66	3.47	11.40	1 300	91.4	2 500	175.8	2 500	175.8
			.375	9.5	...	160	10.01	4.54	14.90	1 400	98.4	2 500	175.8	2 500	175.8
			.552	14.0	xxs	...	13.70	6.21	20.39	1 400	98.4	2 500	175.8	2 500	175.8
3	3.500	88.9	.188	4.8	...	...	6.65	3.02	9.90	1 000	70.3	...	...	...	...
			.216	5.5	std	40	7.58	3.44	11.28	1 000	70.3	2 200	154.7	2 500	175.8
			.300	7.6	xs	80	10.25	4.65	15.25	1 300	91.4	2 500	175.8	2 500	175.8
			.438	11.1	...	160	14.32	6.50	21.31	...	...	2 500	175.8	2 500	175.8
			.600	15.2	xxs	...	18.58	8.43	27.65	...	...	2 500	175.8	2 500	175.8
3 1/2	4.000	101.6	.188	4.8	...	...	7.65	3.47	11.38	1 200	84.4	...	...	...	...
			.226	5.7	std	40	9.11	4.13	13.56	1 200	84.4	2 000	140.6	2 400	168.7
			.318	8.1	xs	80	12.51	5.67	18.62	1 700	119.5	2 800	196.9	2 800	196.9
4	4.500	114.3	.156	4.0	...	...	7.24	3.28	10.77	1 000	70.3	...	...	...	...
			.188	4.8	...	...	8.66	3.93	12.89	1 200	84.4	...	...	...	...
			.219	5.6	...	...	10.01	4.54	14.90	1 200	84.4	...	...	...	...
			.237	6.0	std	40	10.79	4.89	16.06	1 200	84.4	1 900	133.6	2 200	154.7
			.337	8.6	xs	80	14.98	6.79	22.29	1 700	119.5	2 700	189.8	2 800	196.9
			.438	11.1	...	120	19.00	8.62	28.28	...	...	2 800	196.9	2 800	196.9
			.531	13.5	...	160	22.51	10.21	33.50	...	...	2 800	196.9	2 800	196.9
			.674	17.1	xxs	...	27.54	12.49	40.98	...	...	2 800	196.9	2 800	196.9
5	5.563	141.3	.258	6.6	std	40	14.62	6.63	21.76	...	...	1 700	119.5	1 900	133.6
			.375	9.5	xs	80	20.78	9.43	30.92	...	...	2 400	168.7	2 800	196.9
			.500	12.7	...	120	27.04	12.27	40.24	...	...	2 800	196.9	2 800	196.9
			.625	15.9	...	160	32.96	14.95	49.05	...	...	2 800	196.9	2 800	196.9
			.750	19.0	xxs	...	38.55	17.49	57.37	...	...	2 800	196.9	2 800	196.9

# API SEAMLESS AND WELDED STEEL PIPES

Nominal Size	Outside Diameter		Wall Thickness		Class	Sched No.	Plain End								
							Nominal Weight			Test Pressure min.					
										Butt Welded		Grade A		Grade B	
in	in	mm	in	mm		lb/ft	kg/ft	kg/m	psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	
6	6.625	168.3	.280	7.1	std	40	18.97	8.60	28.23	...	...	1 500	105.5	1 800	126.6
			.432	11.0	xs	80	28.57	12.96	42.52	...	...	2 300	161.7	2 700	189.8
			.562	14.3	...	120	36.39	16.51	54.15	...	...	2 800	196.9	2 800	196.9
			.719	18.3	...	160	45.35	20.57	67.49	...	...	2 800	196.9	2 800	196.9
			.864	21.9	xxs	...	53.16	24.11	79.11	...	...	2 800	196.9	2 800	196.9
8	8.625	219.1	.250	6.4	...	20	22.36	10.14	33.28	...	...	1 000	70.3	1 200	84.4
			.277	7.0	...	30	24.70	11.20	36.76	...	...	1 200	84.4	1 300	91.4
			.322	8.2	std	40	28.55	12.95	42.49	...	...	1 300	91.4	1 600	112.5
			.406	10.3	...	60	35.64	16.17	53.04	...	...	1 700	119.5	2 000	140.6
			.500	12.7	xs	80	43.39	19.68	64.57	...	...	2 100	147.7	2 400	168.7
			.594	15.1	...	100	50.95	23.11	75.82	...	...	2 500	175.8	2 800	196.9
			.719	18.3	...	120	60.71	27.54	90.35	...	...	2 800	196.9	2 800	196.9
			.812	20.6	...	140	67.76	30.74	100.84	...	...	2 800	196.9	2 800	196.9
			.875	22.2	xxs	...	72.42	32.85	107.77	...	...	2 800	196.9	2 800	196.9
			.906	23.0	...	160	74.69	33.88	111.15	...	...	2 800	196.9	2 800	196.9
10	10.750	273.0	.250	6.4	...	20	28.04	12.72	41.73	...	...	850	59.8	1 000	70.3
			.279	7.1	...	...	31.20	14.15	46.43	...	...	950	66.8	1 100	77.3
			.307	7.8	...	30	34.24	15.53	50.95	...	...	1 000	70.3	1 200	84.4
			.365	9.3	std	40	40.48	18.36	60.24	...	...	1 200	84.4	1 400	98.4
			.500	12.7	xs	60	54.74	24.83	81.46	...	...	1 700	119.5	2 000	140.6
			.594	15.1	...	80	64.43	29.22	95.88	...	...	2 000	140.6	2 300	161.7
			.719	18.3	...	100	77.03	34.94	114.63	...	...	2 400	168.7	2 800	196.9
			.844	21.4	...	120	89.29	40.50	132.88	...	...	2 800	196.9	2 800	196.9
			1.000	25.4	xxs	140	104.13	47.23	154.96	...	...	2 800	196.9	2 800	196.9
			1.125	28.6	...	160	115.65	52.46	172.11	...	...	2 800	196.9	2 800	196.9
12	12.750	323.8	.250	6.4	...	20	33.38	15.14	49.67	...	...	700	49.2	800	56.2
			.330	8.4	...	30	43.77	19.85	65.14	...	...	950	66.8	1 100	77.3
			.375	9.5	std	...	49.56	22.48	73.75	...	...	1 100	77.3	1 200	84.4
			.406	10.3	...	40	53.52	24.28	79.65	...	...	1 100	77.3	1 300	91.4
			.500	12.7	xs	...	65.42	29.67	97.36	...	...	1 400	98.4	1 600	112.5
			.562	14.3	...	60	73.15	33.18	108.86	...	...	1 600	112.5	1 900	133.6
			.688	17.5	...	80	88.63	40.20	131.90	...	...	1 900	133.6	2 300	161.7
			.844	21.4	...	100	107.32	48.68	159.71	...	...	2 400	168.7	2 800	196.9
			1.000	25.4	xxs	120	125.49	56.92	186.75	...	...	2 800	196.9	2 800	196.9
			1.125	28.6	...	140	139.68	63.36	207.87	...	...	2 800	196.9	2 800	196.9
1.312	33.3	...	160	160.27	72.70	238.51	...	...	2 800	196.9	2 800	196.9			
14	14.000	355.6	.250	6.4	...	10	36.71	16.65	54.63	...	...	650	45.7	750	52.7
			.312	7.9	...	20	45.61	20.69	67.87	...	...	800	56.2	950	66.8
			.375	9.5	std	30	54.57	24.75	81.21	...	...	950	66.8	1 100	77.3
			.438	11.1	...	40	63.44	28.78	94.41	...	...	1 100	77.3	1 300	91.4
			.500	12.7	xs	...	72.09	32.70	107.28	...	...	1 300	91.4	1 300	105.5
			.594	15.1	...	60	85.05	38.58	126.57	...	...	1 500	105.5	1 500	126.6
			.750	19.0	...	80	106.13	48.14	157.94	...	...	1 900	133.6	2 800	161.7
			.938	23.8	...	100	130.85	59.35	194.73	...	...	2 400	168.7	2 800	196.9
			1.094	27.8	...	120	150.79	68.40	224.40	...	...	2 800	196.9	2 800	196.9
			1.250	31.8	...	140	170.22	77.21	253.31	...	...	2 800	196.9	2 800	196.9
1.406	35.7	...	160	189.11	85.78	281.43	...	...	2 800	196.9	2 800	196.9			
16	16.000	406.4	.250	6.4	...	10	42.05	19.07	62.58	...	...	550	38.7	650	45.7
			.312	7.9	...	20	52.27	23.71	77.79	...	...	700	49.2	800	56.2
			.375	9.5	std	30	62.58	28.39	93.13	...	...	850	59.8	1 000	70.3
			.500	12.7	xs	40	82.77	37.54	123.18	...	...	1 100	77.3	1 300	91.4
			.656	16.7	...	60	107.50	48.76	159.98	...	...	1 500	105.5	1 700	119.5
			.844	21.4	...	80	136.62	61.97	203.31	...	...	1 900	133.6	2 200	154.7
			1.031	26.2	...	100	164.82	74.76	245.28	...	...	2 300	161.7	2 700	189.8
			1.219	31.0	...	120	192.43	87.28	286.37	...	...	2 700	189.8	2 800	196.9
			1.438	36.5	...	140	223.64	101.44	332.81	...	...	2 800	196.9	2 800	196.9
			1.594	40.5	...	160	245.25	111.24	364.97	...	...	2 800	196.9	2 800	196.9

# API SEAMLESS AND WELDED STEEL PIPES

Nominal Size	Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure min.								
										Butt Welded		Grade A		Grade B				
										psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>	psi	kg/cm <sup>2</sup>			
in	in	mm	in	mm		lb/ft	kg/ft	kg/m										
18	18.000	457.2	.250	6.4	...	10	47.39	21.50	70.52	...	...	500	35.2	600	42.2			
			.312	7.9	...	20	58.94	26.73	87.71	...	...	600	42.2	750	52.7			
			.375	9.5	std	...	70.59	32.02	105.05	...	...	750	52.7	900	63.3			
			.438	11.1	...	30	82.15	37.26	122.25	...	...	900	63.3	1 000	70.3			
			.500	12.7	xs	...	93.45	42.39	139.07	...	...	1 000	70.3	1 200	84.4			
			.562	14.3	...	40	104.67	47.48	155.77	...	...	1 100	77.3	1 300	91.4			
			.750	19.0	...	60	138.17	62.67	205.62	...	...	1 500	105.5	1 800	126.6			
			.938	23.8	...	80	170.92	77.53	254.36	...	...	1 900	133.6	2 200	154.7			
			1.156	29.4	...	100	207.96	94.33	309.48	...	...	2 300	161.7	2 700	189.8			
			1.375	34.9	...	120	244.14	110.74	363.32	...	...	2 800	196.9	2 800	196.9			
			1.562	39.7	...	140	274.22	124.38	408.08	...	...	2 800	196.9	2 800	196.9			
			1.781	45.2	...	160	308.50	139.93	459.10	...	...	2 800	196.9	2 800	196.9			
			20	20.000	508.0	.250	6.4	...	10	52.73	23.92	78.47	...	...	450	31.6	500	35.2
						.375	9.5	std	20	78.60	35.65	116.97	...	...	700	49.2	800	56.2
						.500	12.7	xs	30	104.13	47.23	154.96	...	...	900	63.3	1 000	70.3
						.594	15.1	...	40	123.11	55.84	183.21	...	...	1 100	77.3	1 200	84.4
.812	20.6	...				60	166.40	75.48	247.63	...	...	1 500	105.5	1 700	119.5			
1.031	26.2	...				80	208.87	94.74	310.83	...	...	1 900	133.6	2 200	154.7			
1.281	32.5	...				100	256.10	116.16	381.12	...	...	2 300	161.7	2 700	189.8			
1.500	38.1	...				120	296.37	134.43	441.05	...	...	2 700	189.8	2 800	196.9			
1.750	44.4	...				140	341.10	154.72	507.61	...	...	2 800	196.9	2 800	196.9			
1.969	50.0	...				160	379.17	171.99	564.27	...	...	2 800	196.9	2 800	196.9			
24	24.000	609.6				.250	6.4	...	10	63.41	28.76	94.36	...	...	400	28.1	450	31.6
						.375	9.5	std	20	94.62	42.92	140.81	...	...	550	38.7	650	45.7
			.500	12.7	xs	...	125.49	56.92	186.75	...	...	750	52.7	900	63.3			
			.562	14.3	...	30	140.68	63.81	209.35	...	...	850	59.8	1 000	70.3			
			.688	17.5	...	40	171.29	77.70	254.91	...	...	1 000	70.3	1 200	84.4			
			.938	23.8	...	...	231.03	104.79	343.81	...	...	...	...	...	...			
			.969	24.6	...	60	238.85	108.34	355.45	...	...	1 500	105.5	1 700	119.5			
			1.219	31.0	...	90	296.53	134.53	441.36	...	...	1 800	126.6	2 100	147.7			
			1.531	38.9	...	100	367.39	166.65	546.74	...	...	2 300	161.7	2 700	189.8			
			1.812	46.0	...	120	429.39	194.77	639.00	...	...	2 700	189.8	2 800	196.9			
			2.062	52.4	...	140	483.12	219.14	718.96	...	...	2 800	196.9	2 800	196.9			
			2.344	59.5	...	160	542.14	245.91	806.79	...	...	2 800	196.9	2 800	196.9			

## Special Plain — End Line Pipes

Nominal Size	Designation	Outside Diameter		Wall Thickness		Wall Thickness	ASA Sched No.	Weight		
		in	mm	in	mm			in	lb/ft	kg/ft
26		26	660.4	*.250	6.35	1/4	10	68.75	31.18	102.40
				*.281	7.14	9/32		77.18	35.01	114.96
				.312	7.92	5/16		85.60	38.83	127.50
				.344	8.74	11/32		94.26	42.76	140.40
				.375	9.52	3/8		102.63	46.55	152.87
				.438	11.13	7/16		119.57	54.24	178.10
				.500	12.70	1/2		136.17	61.77	202.83
				.562	14.27	9/16		152.68	69.25	227.42
				.625	15.88	5/8		169.38	76.83	252.29
				.688	17.48	11/16		185.99	84.36	277.03
				.750	19.05	3/4		202.25	91.74	301.25
				.812	20.62	13/16		218.43	99.08	325.35
				.875	22.22	7/8		234.79	106.50	349.72
				.938	23.83	15/16		251.07	113.88	373.97
				1.000	25.40	1		267.00	121.11	397.70