



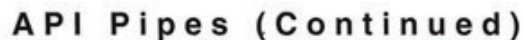
API Pipes

Size						Weight			Hydrostatic Test Pressure										
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX						
									A		B		X42	X46	X52	X56	X60	X65	X70
									Std.	Alt.	Std.	Alt.							
Nominal Size	in	mm	Sch. No.	in	mm														
1/8	0.405	10.3	40(Std) 80(XS)	0.068 0.095	1.73 2.41	0.24 0.31	0.36 0.46	—	700 850	—	700 850	—	—	—	—	—	—	—	—
1/4	0.540	13.7	40(Std) 80(XS)	0.088 0.119	2.24 3.02	0.42 0.54	0.63 0.80	—	700 850	—	700 850	—	—	—	—	—	—	—	—
3/8	0.675	17.1	40(Std) 80(XS)	0.091 0.126	2.31 3.20	0.57 0.74	0.85 1.10	—	700 850	—	700 850	—	—	—	—	—	—	—	—
1/2	0.840	21.3	40(Std) 80(XS) 160 (XXS)	0.109 0.147 0.294	2.77 3.73 7.47	0.85 1.09 1.71	1.27 1.62 2.55	—	700 850 1000	—	700 850 1000	—	—	—	—	—	—	—	—
3/4	1.050	26.7	40(Std) 80(XS) 160 (XXS)	0.113 0.154 0.308	2.87 3.91 7.82	1.13 1.47 2.44	1.68 2.19 3.63	—	700 850 1000	—	700 850 1000	—	—	—	—	—	—	—	—
1	1.315	33.4	40(Std) 80(XS) 160 (XXS)	0.133 0.179 0.250 0.358	3.38 4.55 6.35 9.09	1.68 2.17 2.84 3.66	2.50 3.23 4.23 5.45	0.76 0.99 1.29 1.66	700 850 — 1000	— 850 — 1000	700 850 — 1000	— — — —	—	—	—	—	—	—	—
1 1/4	1.660	42.2	40(Std) 80(XS) 160 (XXS)	0.140 0.191 0.250 0.382	3.56 4.85 6.35 9.70	2.27 3.00 3.76 5.21	3.38 4.47 5.60 7.76	1.03 1.36 1.71 2.37	1200 1800 — 2200	— 1300 — 2300	1300 1900 — 2300	— — — —	—	—	—	—	—	—	—
1 1/2	1.900	48.3	40(Std) 80(XS) 160 (XXS)	0.145 0.200 0.281 0.400	3.68 5.08 7.14 10.16	2.72 3.63 4.86 6.41	4.05 5.41 7.24 9.55	1.23 1.65 2.21 2.91	1200 1800 — 2200	— 1300 — 2300	1300 1900 — 2300	— — — —	—	—	—	—	—	—	—
2	2 3/8	60.3	40(Std) 80(XS) 160 (XXS)	0.083 0.109 0.125 0.141 0.154 0.172 0.188 0.218 0.250 0.281 0.344 0.436	2.11 2.77 3.18 3.58 3.91 4.37 4.78 5.54 6.35 7.14 8.74 11.07	2.03 2.64 3.00 3.36 3.65 4.05 4.39 5.02 5.67 6.28 7.46 9.03	3.02 3.93 4.47 5.00 5.44 6.03 6.54 7.48 8.45 9.35 11.11 13.45	0.92 1.20 1.36 1.53 1.66 1.84 1.99 2.28 2.57 2.85 3.39 4.10	1260 — — — 2330 2500 2500 2500 2500 2500 — 2500	— — — — 2500 2500 2500 2500 2500 — 2500	1470 — — — 2500 2500 2500 2500 2500 — 2500	— — — — — — — — — — — —	1760 2310 2650 2990 3000 3000 3000 3000 3000 3000 3000 3000	1930 2530 2910 3000 3000 3000 3000 3000 3000 3000 3000 3000	2180 2860 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2350 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2520 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2730 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2940 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000
2 1/2	2 7/8	73.0	40(Std) 80(XS) 160 (XXS)	0.083 0.109 0.125 0.141 0.156 0.172 0.188 0.203 0.216 0.250 0.276 0.375 0.552	2.11 2.77 3.18 3.58 3.96 4.37 4.78 5.16 5.49 6.35 7.01 9.52 14.02	2.47 3.22 3.67 4.12 4.53 4.97 5.40 5.79 6.13 6.35 7.66 10.01 13.69	3.68 4.80 5.47 6.14 6.75 7.40 8.04 8.62 9.13 9.35 11.41 14.91 20.39	1.12 1.46 1.67 1.87 2.06 2.26 2.45 2.63 2.78 3.18 3.48 4.54 6.22	1040 — — — 1950 2150 2350 2500 2500 2500 2500 — 2500	— — — — 2280 2500 2500 2500 2500 2500 — 2500	1040 — — — 2280 2500 2500 2500 2500 2500 — 2500	— — — — — — — — — — — — —	1460 1910 2190 2470 2730 3000 3000 3000 3000 3000 3000 3000 3000	1590 2090 2400 2710 3000 3000 3000 3000 3000 3000 3000 3000 3000	1800 2370 2550 2710 3000 3000 3000 3000 3000 3000 3000 3000 3000	1940 2550 2710 2920 3000 3000 3000 3000 3000 3000 3000 3000 3000	2080 2730 2960 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2250 2960 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	2430 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000
3	3 1/2	88.9	40(Std) 80(XS) 160 (XXS)	0.083 0.109 0.125 0.141 0.156 0.172 0.188 0.216 0.250 0.281 0.300 0.438 0.600	2.11 2.77 3.18 3.58 3.96 4.37 4.78 5.49 6.35 7.14 7.62 11.13 15.24	3.03 3.95 4.51 5.06 5.57 6.11 6.65 7.58 8.68 9.66 10.25 14.32 18.58	4.51 5.88 6.72 7.54 8.30 9.10 9.32 11.29 12.93 14.39 15.27 21.33 27.67	1.38 1.79 2.05 2.30 2.53 2.77 3.02 3.44 3.94 4.39 4.65 6.50 8.44	850 — 1290 — 1600 1770 1930 2220 2500 2500 2500 — 2500	— — 1500 — 1870 2060 2260 2500 2500 2500 — 2500	1000 — — — 1870 2060 2260 2500 2500 2500 — 2500	— — — — — — — — — — — — —	1200 1570 1800 2030 2250 2480 2710 3000 3000 3000 3000 3000 3000	1310 1720 1970 2220 2460 2710 3000 3000 3000 3000 3000 3000 3000	1480 1940 2230 2510 2780 3000 3000 3000 3000 3000 3000 3000 3000	1590 2090 2400 2710 3000 3000 3000 3000 3000 3000 3000 3000 3000	1710 2240 2570 2900 3000 3000 3000 3000 3000 3000 3000 3000 3000	1850 2430 2790 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	1990 2620 2900 3000 3000 3000 3000 3000 3000 3000 3000 3000 3000
3 1/2	4	101.6	40(Std) 80(XS)	0.083 0.109 0.125 0.141 0.156 0.172 0.188 0.226 0.250 0.281 0.318	2.11 2.77 3.18 3.58 3.96 4.37 4.78 5.74 6.35 7.14 8.08	3.47 4.53 5.17 5.81 6.40 7.03 7.65 9.11 10.01 11.16 12.50	5.17 6.75 7.70 8.65 9.53 10.47 11.39 13.57 14.91 16.62 18.62	1.58 2.06 2.35 2.64 2.91 3.19 3.47 4.14 4.54 5.07 5.68	750 980 1120 1270 1400 1550 1690 2030 2250 2530 2800	— — — — — — — — — — — —	870 1140 1310 1480 1640 1810 1970 2370 2620 2800 2800	— — — — — — — — — — — —	1050 1370 1580 1780 1970 2170 2370 2850 3000 3000 3000	1150 1500 1720 1950 2150 2370 2590 3000 3000 3000 3000	1290 1700 1950 2200 2430 2680 2930 3000 3000 3000 3000	1390 1830 2100 2370 2620 2890 3000 3000 3000 3000 3000	1490 1960 2250 2540 2810 3000 3000 3000 3000 3000 3000	1620 2130 2440 2750 3000 3000 3000 3000 3000 3000 3000	1740 2290 2630 2960 3000 3000 3000 3000 3000 3000 3000



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure							
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX			
Nominal Size	in	mm	Sch No	in	mm				A		B		X42	X46	X52	X56
						Std	Alt.	Std	Alt.							
4	4 1/2	114.3	40(Std)	0 083	2 11	3 92	5 84	1 78	660	.....	770	.....	930	1020	1150	1240
				0 109	2 77	5 11	7 61	2 32	870	.....	1020	.....	.....	.....	.....	
				0 125	3 18	5 84	8 70	2 65	1000	.....	1170	.....	1400	1530	1730	1870
				0 141	3 58	6 56	9 77	2 98	1130	.....	1320	.....	1580	1730	1960	2110
				0 156	3 96	7 24	10 78	3 29	1250	.....	1460	.....	1750	1910	2160	2330
				0 172	4 37	7 95	11 84	3 61	1380	.....	1610	.....	1930	2110	2390	2570
				0 188	4 78	8 66	12 90	3 93	1500	.....	1750	.....	2110	2310	2610	2810
				0 203	5 16	9 32	13 88	4 23	1620	.....	1890	.....	2270	2490	2810	3000
				0 219	5 56	10 01	14 91	4 54	1750	.....	2040	.....	2450	2690	3000	3000
				0 237	6 02	10 79	16 07	4 90	1900	.....	2210	.....	2650	2910	3000	3000
			60	0 250	6 35	11 35	16 91	5 15	2000	.....	2330	.....	2800	3000	3000	3000
				0 281	7 14	12 66	18 86	5 75	2250	.....	2620	.....	3000	3000	3000	3000
				0 312	7 92	13 96	20 79	6 34	2500	.....	2800	.....	3000	3000	3000	3000
				0 337	8 56	14 98	22 31	6 80	2700	.....	2800	.....	3000	3000	3000	3000
			120	0 438	11 13	19 00	28 30	8 63	2800	.....	2800	.....	3000	3000	3000	3000
			160	0 531	13 49	22 51	33 53	10 22	2800	.....	2800	.....	3000	3000	3000	3000
			(XXS)	0 674	17 12	27 54	41 02	12 50	2800	.....	2800	.....	3000	3000	3000	3000
5	5 1/2	141.3	40(Std)	0 083	2 11	4 86	7 24	2 21	540	.....	630	.....	.....	.....	.....	
				0 125	3 18	7 26	10 81	3 30	810	.....	940	.....	.....	.....	.....	
				0 156	3 96	9 01	13 42	4 09	1010	.....	1180	.....	.....	.....	.....	
				0 188	4 78	10 79	16 07	4 90	1220	.....	1420	.....	.....	.....	.....	
				0 219	5 56	12 50	18 62	5 68	1420	.....	1650	.....	.....	.....	.....	
				0 258	6 55	14 62	21 76	6 63	1670	.....	1950	.....	.....	.....	.....	
				0 281	7 14	15 85	23 61	7 20	1820	.....	2120	.....	.....	.....	.....	
			80(XS)	0 312	7 92	17 50	26 05	7 94	2020	.....	2360	.....	.....	.....	.....	
				0 344	8 74	19 17	28 55	8 70	2230	.....	2600	.....	.....	.....	.....	
				0 375	9 52	20 78	30 94	9 43	2430	.....	2800	.....	.....	.....	.....	
				0 500	12 70	27 03	40 26	12 27	2800	.....	2800	.....	.....	.....	.....	
			120	0 625	15 88	32 96	49 08	14 96	2800	.....	2800	.....	.....	.....	.....	
			160	0 750	19 05	38 55	57 41	17 50	2800	.....	2800	.....	.....	.....	.....	
			(XXS)	0 750	19 05	38 55	57 41	17 50	2800	.....	2800	.....	.....	.....	.....	
6	6 1/2	168.3	30	0 083	2 11	5 80	8 64	2 63	450	560	530	660	790	860	980	1050
				0 109	2 77	7 59	11 31	3 45	590	740	690	860	1040	1140	1280	1380
				0 125	3 18	8 68	12 93	3 94	680	850	790	990	1190	1300	1470	1580
				0 141	3 58	9 76	14 54	4 43	770	960	890	1120	1340	1470	1660	1790
				0 156	3 96	10 78	16 06	4 89	850	1060	990	1240	1480	1620	1840	1980
				0 172	4 37	11 85	17 65	5 38	930	1170	1090	1360	1640	1790	2030	2180
				0 188	4 78	12 92	19 24	5 87	1020	1280	1190	1490	1790	1960	2210	2380
				0 203	5 16	13 92	20 73	6 32	1100	1380	1290	1610	1930	2110	2390	2570
				0 219	5 56	14 98	22 31	6 80	1190	1490	1390	1740	2080	2280	2580	2780
				0 250	6 35	17 02	25 35	7 73	1360	1700	1580	1980	2380	2600	2940	3000
			40(Std)	0 280	7 11	18 97	28 26	8 61	1520	1900	1780	2220	2660	2920	3000	3000
				0 312	7 92	21 04	31 34	9 55	1700	2120	1980	2470	2970	3000	3000	3000
				0 344	8 74	23 08	34 38	10 48	1870	2340	2180	2730	3000	3000	3000	3000
				0 375	9 52	25 03	37 28	11 36	2040	2550	2380	2800	3000	3000	3000	3000
			80(XS)	0 432	10 97	28 57	42 56	12 97	2350	2800	2740	2800	3000	3000	3000	3000
				0 500	12 70	32 71	48 72	14 85	2720	2800	2800	2800	3000	3000	3000	3000
				0 562	14 27	36 39	54 20	16 52	2800	2800	2800	2800	3000	3000	3000	3000
				0 625	15 88	40 05	59 65	18 18	2800	2800	2800	2800	3000	3000	3000	3000
			120	0 719	18 26	45 35	67 55	20 59	2800	2800	2800	2800	3000	3000	3000	3000
			160	0 864	21 95	53 16	79 18	24 13	2800	2800	2800	2800	3000	3000	3000	3000
			(XXS)	0 864	21 95	53 16	79 18	24 13	2800	2800	2800	2800	3000	3000	3000	3000
			8	8 1/2	219.1	20	0 125	3 18	11 35	16 91	5 15	520	650	610	760	910	1000	1130	1220
0 156	3 96	14 11					21 02	6 41	650	810	760	950	1140	1250	1410	1520
0 188	4 78	16 94					25 23	7 69	780	980	920	1140	1370	1500	1700	1830
0 203	5 16	18 26					27 20	8 29	.....	.....	.....	.....	1480	1620	1840	2000
0 219	5 56	19 66					29 28	8 93	910	1140	1070	1330	1600	1750	1980	2130
0 250	6 35	22 36					33 31	10 15	1040	1300	1220	1520	1830	2000	2260	2430
0 277	7 04	24 70					36 79	11 21	1160	1450	1350	1690	2020	2220	2510	2700
0 312	7 92	27 70					41 26	12 58	1300	1630	1520	1900	2280	2500	2820	3000
40(Std)	0 322	8 18				28 55	42 53	12 96	1340	1680	1570	1960	2350	2580	2910	3000
	0 344	8 74				30 42	45 31	13 81	1440	1790	1680	2090	2510	2750	3000	3000
	0 375	9 52				33 04	49 21	15 00	1570	1960	1830	2280	2740	3000	3000	3000
	0 406	10 31				35 64	53 09	16 18	.....	.....	.....	.....	.....	.....	.....	.....
60	0 438	11 13				38 30	57 05	17 39	1830	2290	2130	2670	3000	3000	3000	3000
	0 500	12 70				43 39	64 63	19 70	2090	2610	2430	2800	3000	3000	3000	3000
	0 562	14 27				48 40	72 09	21 97	2350	2800	2740	2800	3000	3000	3000	3000
	0 594	15 09				50 95	75 89	23 13	.....	.....	.....	.....	.....	.....	.....	.....
80(XS)	0 625	15 88				53 40	79 54	24 24	2610	2800	2800	2800	3000	3000	3000	3000
	0 719	18 26				60 71	90 43	27 56	2800	2800	2800	2800	3000	3000	3000	3000
	0 812	20 62				67 76	100 93	30 76	.....	.....	.....	.....	.....	.....	.....	.....
	0 875	22 22				72 42	107 87	32 88	2800	2800	2800	2800	.....	.....	.....	.....
120	0 906	23 01				74 69	111 25	33 91	.....	.....	.....	.....	.....	.....	.....	.....
140	0 906	23 01				74 69	111 25	33 91	.....	.....	.....	.....	.....	.....	.....	.....
160	0 906	23 01	74 69	111 25	33 91	.....	.....	.....	.....	.....	.....	.....	.....			
(XXS)	0 906	23 01	74 69	111 25	33 91	.....	.....	.....	.....	.....	.....	.....	.....			



Size						Weight			Hydrostatic Test Pressure								
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX				
									A		B		X42	X46	X52	X56	
Nominal Size	in	mm	Sch. No.	in	mm	Std.	Alt.	Std.	Alt.								
10	10 3/4	273.0	20	0 156	3 96	17 65	26 29	8 01	520	650	610	760	1040	1130	1280	1380	
				0 188	4 78	21 21	31 59	9 63	630	790	730	920	1250	1370	1550	1660	
				0 203	5 16	22 87	34 06	10 38					1350	1480	1670	1800	
				0 219	5 56	24 63	36 69	11 18	730	920	860	1070	1450	1590	1800	1940	
			30	0 250	6 35	28 04	41 77	12 73	840	1050	980	1220	1660	1820	2060	2210	
				0 279	7 09	31 20	46 47	14 16	930	1170	1090	1360	1850	2030	2290	2470	
				0 307	7 80	34 24	51 00	15 54	1030	1290	1200	1500	2040	2230	2520	2720	
				0 344	8 74	38 23	56 94	17 36	1150	1440	1340	1680	2280	2500	2830	3000	
			40(Sid)	0 365	9 27	40 48	60 29	18 38	1220	1530	1430	1780	2420	2660	3000	3000	
				0 438	11 13	48 24	71 85	21 90	1470	1830	1710	2140	2910	3000	3000	3000	
				60(XS)	0 500	12 70	54 74	81 54	24 85	1670	2090	1950	2440	3000	3000	3000	3000
					0 562	14 27	61 15	91 08	27 76	1880	2350	2200	2740	3000	3000	3000	3000
			80		0 594	15 09	64 43	95 97	29 25								
					0 625	15 88	67 58	100 66	30 68	2090	2620	2440	2800	3000	3000	3000	3000
				100	0 719	18 26	77 03	114 74	34 97	2410	2800	2800	2800	3000	3000	3000	3000
					0 812	20 62	86 18	128 37	39 13	2720	2800	2800	2800				
120	0 844	21 44	89 29		133 00	40 54											
	1 000	25 40	104 13		155 10	47 28											
12	12 3/4	323.8	20	0 172	4 37	23 11	34 42	10 49	490	610	570	710	960	1050	1190	1280	
				0 188	4 78	25 22	37 57	11 45	530	660	620	770	1050	1150	1300	1400	
				0 203	5 16	27 20	40 51	12 35					1140	1250	1410	1520	
				0 219	5 56	29 31	43 66	13 31	620	770	720	900	1230	1340	1520	1640	
			30	0 250	6 35	33 38	49 72	15 15	710	880	820	1030	1400	1530	1730	1870	
				0 281	7 14	37 42	55 74	16 99	790	990	930	1160	1570	1720	1950	2100	
				0 312	7 92	41 45	61 74	18 82	880	1100	1030	1280	1750	1910	2160	2300	
				0 330	8 38	43 77	65 20	19 87	930	1160	1090	1360	1850	2020	2290	2460	
			(Std)	0 344	8 74	45 58	67 89	20 69	970	1210	1130	1420	1930	2110	2390	2570	
				0 375	9 52	49 56	73 82	22 50	1060	1320	1240	1540	2100	2300	2600	2800	
				40	0 406	10 31	53 52	79 72	24 30					2270	2490	2810	3000
					0 438	11 13	57 59	85 78	26 15	1240	1550	1440	1800	2450	2690	3000	3000
			(XS)		0 500	12 70	65 42	97 44	29 70	1410	1760	1650	2060	2800	3000	3000	3000
					0 562	14 27	73 15	108 96	33 21	1590	1980	1850	2310	3000	3000	3000	3000
				80	0 625	15 88	80 93	120 55	36 74	1760	2210	2060	2570	3000	3000	3000	3000
					0 688	17 48	88 63	132 01	40 24	1940	2430	2270	2800	3000	3000	3000	3000
			100		0 750	19 05	96 12	143 17	43 64	2120	2650	2470	2800	3000	3000	3000	3000
					0 812	20 62	103 53	154 21	47 00	2290	2800	2670	2800	3000	3000	3000	3000
				120	0 844	21 44	107 32	159 85	48 72								
					0 875	22 22	110 97	165 29	50 38	2470	2800	2800	2800	3000	3000	3000	3000
1 000	25 40	125 49	186 92	56 97													
14	14	355.6	10	0 188	4 78	27 73	41 30	12 59	480	600	560	700	960	1050	1190	1280	
				0 203	5 16	29 91	44 55	13 58	520	650	610	760					
				0 210	5 33	30 93	46 07	14 04					1070	1170	1330	1430	
				0 219	5 56	32 23	48 01	14 63					1120	1220	1380	1490	
			20	0 250	6 35	36 71	54 68	16 67	640	800	750	940	1280	1400	1580	1700	
				0 281	7 14	41 17	61 32	18 69	720	900	840	1050	1430	1570	1770	1910	
				0 312	7 92	45 61	67 94	20 71	800	1000	940	1170	1590	1740	1970	2120	
				0 344	8 74	50 17	74 73	22 78	880	1110	1030	1290	1750	1920	2170	2340	
			30(Std)	0 375	9 52	54 57	81 28	24 77	960	1210	1120	1410	1910	2090	2370	2550	
				0 406	10 31	58 94	87 79	26 76					2070	2270	2560	2760	
				40	0 438	11 13	63 44	94 49	28 80	1130	1410	1310	1640	2230	2450	2770	2980
					0 469	11 91	67 78	100 96	30 77					2390	2620	2960	3000
			(XS)		0 500	12 70	72 09	107 38	32 73	1290	1610	1500	1880	2550	2790	3000	3000
					0 562	14 27	80 66	120 14	36 62	1450	1810	1690	2110	2870	3000	3000	3000
				60	0 594	15 09	85 05	126 68	38 61								
					0 625	15 88	89 28	132 98	40 53	1610	2010	1880	2340	3000	3000	3000	3000
			80		0 688	17 48	97 81	145 69	44 41	1770	2210	2060	2580	3000	3000	3000	3000
					0 750	19 05	106 13	158 08	48 18	1930	2410	2250	2800	3000	3000	3000	3000
				100	0 812	20 62	114 37	170 35	51 92	2090	2610	2440	2800	3000	3000	3000	3000
					0 875	22 22	122 65	182 69	55 68	2250	2800	2620	2800	3000	3000	3000	3000
120	0 938	23 83	130 85		194 90	59 41	2410	2800	2800	2800	3000	3000	3000	3000			
	1 000	25 40	138 84		206 80	63 03											
16	16	406.4	10	0 188	4 78	31 75	47 29	14 40	420	530	490	620	840	920	1040	1120	
				0 203	5 16	34 25	51 02	15 54	460	570	530	670	910	990	1120	1210	
				0 219	5 56	36 91	54 98	16 74	490	620	570	720	980	1070	1210	1300	
				0 250	6 35	42 05	62 63	19 07	560	700	660	820	1120	1220	1380	1490	
			20	0 281	7 14	47 17	70 26	21 40	630	790	740	920	1250	1370	1550	1670	
				0 312	7 92	52 27	77 86	23 71	700	880	820	1020	1390	1520	1720	1860	
				30(Std)	0 344	8 74	57 52	85 68	26 09	770	970	900	1130	1540	1680	1900	2050
					0 375	9 52	62 58	93 21	28 39	840	1050	980	1230	1670	1830	2070	2230
			120		0 406	10 31	67 62	100 72	30 67					1810	1980	2240	2420



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure								
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX				
Nominal Size	in	mm	Sch. No.	in	mm				A		B		X42	X46	X52	X56	
									Std.	Alt.	Std.	Alt.					
16	16	406.4	40(XS)	0.438	11.13	72.80	108.44	33.02	990	1230	1150	1440	1950	2140	2420	2610	
				0.469	11.91	77.79	115.87	35.29	.....	.....	.....	.....	2090	2290	2590	2790	
				0.500	12.70	82.77	123.29	37.54	1120	1410	1310	1640	2230	2440	2760	2980	
				0.562	14.27	92.66	138.02	42.03	1260	1580	1480	1840	2510	2750	3000	3000	
				0.625	15.88	102.63	152.87	46.55	1410	1760	1540	2050	2790	3000	3000	3000	
				0.656	16.66	107.50	160.12	48.80	.....	.....	.....	.....	.....	.....	.....	.....	
			60	0.688	17.48	112.51	167.58	51.03	1550	1940	1810	2260	3000	3000	3000	3000	
				0.750	19.05	122.15	181.94	55.41	1690	2110	1970	2460	3000	3000	3000	3000	
				0.812	20.62	131.71	196.18	59.74	1830	2280	2130	2660	3000	3000	3000	3000	
				0.844	21.44	136.61	203.48	62.02	.....	.....	.....	.....	.....	.....	.....	.....	
				0.875	22.22	141.34	210.53	64.11	1970	2460	2300	2800	3000	3000	3000	3000	
				0.938	23.83	150.89	224.75	68.44	2110	2640	2460	2800	3000	3000	3000	3000	
			80	1.000	25.40	160.20	238.62	72.67	2250	2800	2620	2800	3000	3000	3000	3000	
				1.062	26.97	169.43	252.37	76.85	2390	2800	2790	2800	3000	3000	3000	3000	
				1.125	28.58	178.72	266.20	81.07	2530	2800	2800	2800	3000	3000	3000	3000	
18	18	457.2		10	0.188	4.78	35.76	53.26	16.22	380	470	440	550	750	820	920	990
					0.219	5.56	41.59	61.95	18.87	440	550	510	640	870	950	1080	1160
					0.250	6.35	47.39	70.59	21.50	500	620	580	730	990	1090	1230	1320
			0.281		7.14	53.18	79.21	24.12	560	700	660	820	1110	1220	1380	1490	
			0.312		7.92	58.94	87.79	26.74	620	780	730	910	1240	1360	1530	1650	
			0.344		8.74	64.87	96.62	29.43	690	860	800	1000	1360	1490	1690	1820	
			20	0.375	9.52	70.59	105.14	32.02	750	940	880	1090	1490	1630	1840	1980	
				0.406	10.31	76.29	113.63	34.61	.....	.....	.....	.....	1610	1760	1990	2150	
				0.438	11.13	82.15	122.36	37.26	880	1100	1020	1280	1740	1900	2150	2320	
				0.469	11.91	87.81	130.79	39.83	.....	.....	.....	.....	1860	2040	2300	2480	
				0.500	12.70	93.45	139.19	42.39	1000	1250	1170	1460	1980	2170	2460	2640	
				0.562	14.27	104.67	155.91	47.48	1120	1400	1310	1640	2230	2440	2760	2970	
			30	0.625	15.88	115.98	172.75	52.61	1250	1560	1460	1820	2480	2720	3000	3000	
				0.688	17.48	127.21	189.48	57.70	1380	1720	1610	2010	2730	2990	3000	3000	
				0.750	19.05	138.17	205.80	62.67	1500	1880	1750	2190	2980	3000	3000	3000	
0.812	20.62	149.06		222.02	67.61	1620	2030	1890	2370	3000	3000	3000	3000				
0.875	22.22	160.03		238.36	72.59	1750	2190	2040	2550	3000	3000	3000	3000				
0.938	23.83	170.92		254.59	77.53	1880	2340	2190	2740	3000	3000	3000	3000				
40	1.000	25.40	181.56	270.43	82.36	2000	2500	2330	2800	3000	3000	3000	3000				
	1.062	26.97	192.11	286.15	87.14	2120	2660	2480	2800	3000	3000	3000	3000				
	1.125	28.58	202.75	302.00	91.97	2250	2800	2620	2800	3000	3000	3000	3000				
	1.187	30.15	213.14	317.47	96.68	2370	2800	2770	2800	.....	.....	.....	.....				
	1.188	30.18	213.31	317.73	96.76	.....	.....	.....	.....	3000	3000	3000	3000				
	1.250	31.75	223.61	333.07	101.43	2500	2800	2800	2800	3000	3000	3000	3000				
20	20	508.0	10	0.219	5.56	46.27	68.92	20.99	390	490	460	570	830	910	1020	1100	
				0.250	6.35	52.73	78.54	23.92	450	560	520	660	940	1040	1170	1260	
				0.281	7.14	59.18	88.15	26.84	510	630	590	740	1060	1160	1320	1420	
				0.312	7.92	65.60	97.71	29.76	560	700	660	820	1180	1290	1460	1570	
				0.344	8.74	72.21	107.56	32.75	620	770	720	900	1300	1420	1610	1730	
				0.375	9.52	78.60	117.07	35.65	680	840	790	980	1420	1550	1760	1890	
			20	0.406	10.31	84.96	126.55	38.54	.....	.....	.....	.....	1530	1680	1900	2050	
				0.438	11.13	91.51	136.30	41.51	790	990	920	1150	1660	1810	2050	2210	
				0.469	11.91	97.83	145.72	44.38	.....	.....	.....	.....	1770	1940	2190	2360	
				0.500	12.70	104.13	151.10	47.23	900	1120	1050	1310	1890	2070	2340	2520	
				0.562	14.27	116.67	173.78	52.92	1010	1260	1180	1480	2120	2330	2630	2750	
				0.625	15.88	129.33	192.64	58.66	1120	1410	1310	1640	2360	2590	2750	2750	
			30	0.688	17.48	141.90	211.36	64.37	1240	1550	1440	1810	2600	2750	2750	2750	
				0.750	19.05	154.19	229.67	69.94	1350	1690	1580	1970	2750	2750	2750	2750	
				0.812	20.62	166.40	247.85	75.48	1460	1830	1710	2130	2750	2750	2750	2750	
				0.875	22.22	179.72	266.20	81.07	1580	1970	1840	2300	2750	2750	2750	2750	
				0.938	23.83	190.96	284.43	86.62	1690	2110	1970	2460	2750	2750	2750	2750	
				1.000	25.40	202.92	302.25	92.04	1800	2250	2100	2620	2750	2750	2750	2750	
			40	1.062	26.97	214.80	319.94	97.43	1910	2390	2230	2750	2750	2750	2750	2750	
				1.125	28.58	226.78	337.79	102.87	2020	2530	2360	2750	2750	2750	2750	2750	
				1.187	30.15	238.50	355.25	108.18	2140	2670	2490	2750	.....	.....	.....	.....	
				1.188	30.15	238.68	.....	.....	.....	.....	.....	.....	2750	2750	2750	2750	
				1.250	31.75	250.31	372.84	113.54	2250	2750	2620	2750	2750	2750	2750	2750	
				1.312	33.32	261.86	390.04	118.78	2360	2750	2750	2750	2750	2750	2750	2750	
22	22	558.8	10	1.375	34.92	273.51	407.39	124.06	2480	2750	2750	2750	2750	2750	2750		
				0.219	5.56	50.94	75.88	23.11	360	450	420	520	750	820	930	1000	
				0.250	6.35	58.07	86.50	26.34	410	510	480	600	860	940	1060	1150	
				0.281	7.14	65.18	97.09	29.57	460	570	540	670	970	1060	1200	1290	
				0.312	7.92	72.27	107.65	32.78	510	640	600	740	1070	1170	1330	1430	
				0.344	8.74	79.56	118.50	36.09	560	700	660	820	1180	1290	1460	1580	
20	0.375	9.52	6.61	129.01	39.29	610	770	720	890	1290	1410	1600	1720				



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure							
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX			
Nominal Size	in	mm	Sch No	in	mm				A		B		X42	X46	X52	X56
									Std	Alt	Std	Alt				
22	22	558.8	30	0 406	10 31	93 63	139 46	42 47					1400	1530	1730	1860
				0 438	11 13	100 86	150 23	45 75	720	900	840	1050	1510	1650	1860	2010
				0 469	11 91	107 85	160 64	48 92					1610	1770	2000	2150
				0 500	12 70	114 81	171 01	52 08	820	1020	950	1190	1720	1880	2130	2290
				0 562	14 27	128 67	191 65	58 36	920	1150	1070	1340	1930	2120	2390	2500
				0 625	15 88	142 68	212 52	64 72	1020	1280	1190	1490	2150	2350	2500	2500
			60	0 688	17 48	156 60	233 26	71 03	1130	1410	1310	1640	2360	2500	2500	2500
				0 750	19 05	170 21	253 53	77 21	1230	1530	1430	1790	2500	2500	2500	2500
				0 812	20 62	183 75	273 70	83 35	1330	1660	1550	1940	2500	2500	2500	2500
				0 875	22 22	197 41	294 04	89 55	1430	1790	1670	2090	2500	2500	2500	2500
				0 938	23 83	211 00	314 28	95 71	1530	1920	1790	2240	2500	2500	2500	2500
				1 000	25 40	224 28	334 07	101 73	1640	2050	1910	2390	2500	2500	2500	2500
			80	1 062	26 97	237 48	353 73	107 72	1740	2170	2030	2500	2500	2500	2500	2500
				1 125	28 58	250 81	373 58	113 77	1840	2300	2150	2500	2500	2500	2500	2500
				1 188	30 15	263 85	393 00	119 68	1940	2430	2270	2500	2500	2500	2500	2500
				1 250	31 75	277 01	412 61	125 65	2050	2500	2390	2500	2500	2500	2500	2500
				1 312	33 32	289 88	431 78	129 22	2150	2500	2500	2500	2500	2500	2500	2500
				1 375	34 92	302 88	451 14	137 39	2250	2500	2500	2500	2500	2500	2500	2500
			100	1 437	36 50	315 58	470 06	143 15	2350	2500	2500	2500				
				1 438	36 53								2500	2500	2500	2500
				1 500	38 10	328 41	489 17	148 97	2450	2500	2500	2500	2500	2500	2500	2500
24	24	609.6	10	0 250	6 35	63 41	94 45	28 76	380	470	440	550	790	860	980	1050
				0 281	7 14	71 18	106 02	32 29	420	530	490	610	890	970	1100	1180
				0 312	7 92	78 93	117 57	35 80	470	580	550	680	980	1080	1220	1310
				0 344	8 74	86 91	129 45	39 42	520	640	600	750	1080	1190	1340	1440
				0 375	9 52	94 62	140 94	42 92	560	700	660	820	1180	1290	1460	1580
				0 406	10 31	102 31	152 39	46 41					1280	1400	1580	1710
			20	0 438	11 13	110 22	164 17	50 00	660	820	770	960	1380	1510	1710	1840
				0 469	11 91	117 86	175 55	53 46					1480	1620	1830	1970
				0 500	12 70	125 49	186 92	56 92	750	940	880	1090	1580	1720	1950	2100
				0 562	14 27	140 68	209 54	63 81	840	1050	980	1230	1770	1940	2190	2300
				0 625	15 88	156 03	232 41	70 78	940	1170	1090	1370	1970	2160	2300	2300
				0 688	17 48	171 29	255 14	77 70	1030	1290	1200	1500	2170	2300	2300	2300
			30	0 750	19 05	186 23	277 39	84 47	1120	1410	1310	1640	2300	2300	2300	2300
				0 812	20 62	201 09	299 52	91 21	1220	1520	1420	1780	2300	2300	2300	2300
				0 875	22 22	216 10	321 88	98 02	1310	1640	1530	1910	2300	2300	2300	2300
				0 938	23 83	231 03	344 12	104 80	1410	1760	1640	2050	2300	2300	2300	2300
				1 000	25 40	245 64	365 88	111 42	1500	1880	1750	2190	2300	2300	2300	2300
				1 062	26 97	260 17	387 52	118 01	1590	1990	1860	2300	2300	2300	2300	2300
			40	1 125	28 58	274 84	409 37	124 65	1690	2110	1970	2300	2300	2300	2300	2300
				1 187	30 15	289 20	430 76	131 18	1780	2230	2080	2300				
				1 188	30 18	289 44							2300	2300	2300	2300
				1 250	31 75	303 71	452 38	137 76	1880	2300	2190	2300	2300	2300	2300	2300
				1 312	33 32	317 91	473 53	144 20	1970	2300	2300	2300	2300	2300	2300	2300
				1 375	34 92	332 25	494 89	150 71	2060	2300	2300	2300	2300	2300	2300	2300
			100	1 437	36 50	346 28	515 78	157 07	2160	2300	2300	2300				
				1 438	36 53	346 50							2300	2300	2300	2300
				1 500	38 10	360 45	536 89	163 50	2250	2300	2300	2300	2300	2300	2300	2300
				1 562	39 67	374 31	557 53	169 79	2300	2300	2300	2300	2300	2300	2300	2300
26	26	660.4	10	0 250	6 35	68 75	102 40	31 19	350	430	400	500	730	800	900	970
				0 281	7 14	77 18	114 96	35 01	390	490	450	570	820	890	1010	1090
				0 312	7 92	85 60	127 50	38 83	430	540	500	630	910	990	1120	1210
				0 344	8 74	94 26	140 40	42 76	480	600	560	690	1000	1100	1240	1330
				0 375	9 52	102 63	152 87	46 55	520	650	610	760	1090	1190	1350	1450
				0 406	10 31	110 98	165 30	50 34					1180	1290	1460	1570
			20	0 438	11 13	119 57	178 10	54 24	610	760	710	880	1270	1390	1580	1700
				0 469	11 91	127 88	190 48	58 01					1360	1490	1690	1820
				0 500	12 70	136 17	202 83	61 77	690	870	810	1010	1450	1590	1800	1940
				0 562	14 27	152 68	227 42	69 26	780	970	910	1130	1630	1790	2000	2000
				0 625	15 88	169 38	252 29	76 83	870	1080	1010	1260	1820	1990	2000	2000
				0 688	17 48	185 99	277 03	84 37	950	1190	1110	1390	2000	2000	2000	2000
			100	0 750	19 05	202 25	301 25	91 74	1040	1300	1210	1510	2000	2000	2000	2000
				0 812	20 62	218 43	325 35	99 08	1120	1410	1310	1640	2000	2000	2000	2000
				0 875	22 22	234 79	349 72	106 50	1210	1510	1410	1770	2000	2000	2000	2000
				0 938	23 83	251 07	373 97	113 89	1300	1620	1520	1890	2000	2000	2000	2000
				1 000	25 40	267 00	397 70	121 11	1380	1730	1620	2000	2000	2000	2000	2000
28	28	711.2	10	0 250	6 35	74 09	110 36	33 61	320	400	370	470	680	740	840	900
				0 281	7 14	83 19	123 91	37 73	360	450	420	530	760	830	940	1010
				0 312	7 92	92 26	137 42	41 85	400	500	470	580	840	920	1040	1120



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure								
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX				
Nominal Size	in	mm	Sch No	in	mm				A		B		X42	X46	X52	X56	
									Std	Alt	Std	Alt					
28	28	711.2	20	0.344	8.74	101.61	151.35	46.09						930	1020	1150	1240
				0.375	9.52	110.64	164.80	50.19	480	600	560	700	1010	1110	1250	1350	
				0.406	10.31	119.65	178.22	54.27					1100	1200	1360	1460	
				0.438	11.13	128.93	192.04	58.48	560	700	660	820	1180	1300	1460	1580	
				0.469	11.91	137.90	205.40	62.55					1270	1390	1570	1690	
				0.500	12.70	146.85	218.73	66.61	640	800	750	940	1350	1480	1670	1800	
				0.562	14.27	164.69	245.31	74.70	720	900	840	1050	1520	1660	1880	2020	
				0.625	15.88	182.73	272.18	82.89	800	1000	940	1170	1690	1850	2090	2250	
			30	0.688	17.48	200.68	298.91	91.03	880	1100	1030	1290	1860	2030	2300	2480	
				0.750	19.05	218.27	325.11	99.01	960	1210	1120	1410	2020	2220	2510	2700	
				0.812	20.62	235.78	351.19	106.95	1040	1300	1220	1520	2190	2400	2710	2920	
				0.875	22.22	253.48	377.56	114.98	1120	1410	1310	1640	2360	2590	2920	3000	
				0.938	23.83	271.10	403.80	122.97	1210	1510	1410	1760	2530	2770	3000	3000	
				1.000	25.40	288.36	429.51	130.80	1290	1610	1500	1880	2700	2960	3000	3000	
30	30	762.0	10	0.250	6.35	79.43	118.31	36.03	300	370	350	440	630	690	780	840	
				0.281	7.14	89.19	132.85	40.46	340	420	390	490	710	780	880	940	
				0.312	7.92	98.93	147.36	44.87	370	470	440	550	790	860	970	1050	
				0.344	8.74	108.95	162.28	49.42					870	950	1070	1160	
				0.375	9.52	118.65	176.73	53.82	450	560	520	660	940	1040	1170	1260	
				0.406	10.31	128.32	191.13	58.21					1020	1120	1270	1360	
				0.438	11.13	138.29	205.98	62.73	530	660	610	770	1100	1210	1370	1470	
				0.469	11.91	147.92	220.33	67.10					1180	1290	1460	1580	
			20	0.500	12.70	157.53	234.64	71.46	600	750	700	880	1260	1380	1560	1680	
				0.562	14.27	176.69	263.18	80.15	670	840	790	980	1420	1550	1750	1890	
				0.625	15.88	196.08	292.06	88.94	750	940	890	1090	1580	1720	1950	2100	
				0.688	17.48	215.38	320.81	97.70	830	1030	960	1200	1730	1900	2150	2310	
				0.750	19.05	234.29	348.97	106.27	900	1120	1050	1310	1890	2070	2340	2520	
				0.812	20.62	253.12	377.02	114.82	970	1220	1140	1420	2050	2240	2530	2730	
				0.875	22.22	272.17	405.40	123.46	1050	1310	1220	1530	2200	2420	2730	2940	
				0.938	23.83	291.14	433.65	132.06	1130	1410	1310	1640	2360	2590	2930	3000	
			30	1.000	25.40	309.72	461.33	140.49	1200	1500	1400	1750	2520	2760	3000	3000	
				1.062	26.97	328.22	488.88	148.88	1270	1590	1490	1860	2680	2930	3000	3000	
				1.125	28.58	346.93	516.75	157.37	1350	1690	1580	1970	2840	3000	3000	3000	
				1.188	30.18	365.56	544.50	165.82	1430	1780	1660	2080	2990	3000	3000	3000	
				1.250	31.75	383.81	571.68	174.10	1500	1880	1750	2190	3000	3000	3000	3000	
32	32	812.8	10	0.250	6.35	84.77	126.26	38.45	280	350	330	410	590	650	730	790	
				0.281	7.14	95.19	141.79	43.18	320	400	370	460	660	730	820	890	
				0.312	7.92	105.59	157.28	47.90	350	440	410	510	740	810	910	980	
				0.344	8.74	116.30	173.23	52.75					810	890	1010	1080	
				0.375	9.52	126.66	188.66	57.45	420	530	490	620	890	970	1100	1180	
				0.406	10.31	136.99	204.05	62.14					960	1050	1190	1280	
				0.438	11.13	147.64	219.91	66.97	490	620	570	720	1030	1130	1280	1380	
				0.469	11.91	157.94	235.25	71.64					1110	1210	1370	1480	
			20	0.500	12.70	168.21	250.55	76.30	560	700	660	820	1180	1290	1460	1580	
				0.562	14.27	188.70	281.07	85.59	630	790	740	920	1330	1450	1640	1770	
				0.625	15.88	209.43	311.95	95.00	700	880	820	1030	1480	1620	1830	1970	
				0.688	17.48	230.08	342.70	104.36	770	970	900	1130	1630	1780	2010	2170	
				0.750	19.05	250.31	372.84	113.54	840	1050	980	1230	1770	1940	2190	2360	
				0.812	20.62	270.47	402.87	122.69	910	1140	1070	1330	1920	2100	2380	2560	
				0.875	22.22	290.86	433.24	131.93	980	1230	1150	1440	2070	2260	2560	2760	
				0.938	23.83	311.17	463.49	141.15	1060	1320	1230	1540	2220	2430	2740	2950	
			30	1.000	25.40	331.08	493.14	150.18	1120	1410	1310	1640	2360	2590	2920	3000	
				1.062	26.97	350.90	522.74	159.17	1190	1490	1390	1740	2510	2750	3000	3000	
				1.125	28.58	370.96	552.54	168.27	1270	1580	1480	1850	2660	2910	3000	3000	
				1.188	30.18	390.94	582.31	177.33	1340	1670	1560	1950	2810	3000	3000	3000	
				1.250	31.75	410.51	611.45	186.21	1410	1760	1640	2050	2950	3000	3000	3000	
34	34	863.6	10	0.250	6.35	90.11	134.22	40.87	260	330	310	390	560	610	690	740	
				0.281	7.14	101.19	150.72	45.90	300	370	350	430	620	680	770	830	
				0.312	7.92	112.25	167.20	50.92	330	410	390	480	690	760	860	920	
				0.344	8.74	123.65	184.18	56.09					760	840	950	1020	
				0.375	9.52	134.67	200.59	61.09	400	500	460	580	830	910	1030	1110	
				0.406	10.31	145.67	216.98	66.08					900	990	1120	1200	
				0.438	11.13	157.00	233.85	71.22	460	580	540	680	970	1070	1210	1300	
				0.469	11.91	167.95	250.16	76.18					1040	1140	1290	1390	
			20	0.500	12.70	178.89	266.46	81.14	530	660	620	770	1110	1220	1380	1480	
				0.562	14.27	200.70	298.94	91.04	600	740	690	870	1250	1370	1550	1670	
				0.625	15.88	222.78	331.83	101.05	660	830	770	970	1390	1520	1720	1850	
				0.688	17.48	244.77	364.58	111.03	730	910	850	1060	1530	1680	1890	2040	
				0.750	19.05	266.33	396.70	120.81	790	990	930	1160	1670	1830	2060	2220	
				0.812	20.62	287.81	428.69	130.55	860	1070	1000	1250	1810	1980	2240	2410	



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure								
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX				
									A		B		X42	X46	X52	X56	
Nominal Size	in	mm	Sch. No.	in	mm				Std	Alt	Std	Alt					
34	34	863.6		0.875	22.22	309.55	461.07	140.41	930	1160	1080	1350	1950	2130	2410	2590	
				0.938	23.83	331.21	493.34	150.24	990	1240	1160	1450	2090	2280	2580	2780	
				1.000	25.40	352.44	524.96	162.13	1060	1320	1240	1540	2220	2440	2750	2960	
				1.062	26.97	373.59	556.46	169.46	1120	1410	1310	1640	2360	2590	2920	3000	
				1.125	28.58	394.99	588.34	179.17	1190	1490	1390	1740	2500	2740	3000	3000	
				1.188	30.18	416.31	620.09	188.84	1260	1570	1470	1830	2640	2890	3000	3000	
				1.250	31.75	437.21	651.22	198.32	1320	1650	1540	1930	2780	3000	3000	3000	
36	36	914.4	10		0.250	6.35	95.45	142.17	43.30	250	310	290	360	520	580	650	700
					0.281	7.14	107.20	159.67	48.63	280	350	330	410	590	650	730	790
					0.312	7.92	118.92	177.13	53.94	310	390	360	450	660	720	810	870
					0.344	8.74	131.00	195.12	59.42					720	790	890	960
					0.375	9.52	142.68	212.52	64.72	380	470	440	550	790	860	980	1050
					0.406	10.31	154.34	229.89	70.01					850	930	1060	1140
					0.438	11.13	166.35	247.78	75.46	440	550	510	640	920	1010	1140	1230
			20		0.469	11.91	177.97	265.09	80.73					980	1080	1220	1310
					0.500	12.70	189.57	282.36	85.99	500	620	580	730	1050	1150	1300	1400
					0.562	14.27	212.70	316.82	96.48	560	700	660	820	1180	1290	1460	1570
					0.625	15.88	236.13	351.72	107.11	620	780	730	910	1310	1440	1620	1750
					0.688	17.48	259.47	386.48	117.70	690	860	800	1000	1440	1580	1790	1930
					0.750	19.05	282.35	420.56	128.07	750	940	880	1090	1580	1720	1950	2100
			30		0.812	20.62	305.16	454.54	138.42	810	1020	950	1180	1710	1870	2110	2270
					0.875	22.22	328.24	488.91	148.89	880	1090	1020	1280	1840	2010	2280	2450
					0.938	23.83	351.25	523.19	159.33	940	1170	1090	1370	1970	2160	2440	2630
					1.000	25.40	373.80	556.78	169.56	1000	1250	1170	1460	2100	2300	2600	2800
					1.062	26.97	396.27	590.24	179.75	1060	1330	1240	1550	2230	2440	2760	2970
					1.125	28.58	419.02	624.13	190.07	1130	1410	1310	1640	2360	2590	2930	3000
					1.188	30.18	441.69	657.90	200.35	1190	1480	1390	1730	2490	2730	3000	3000
					1.250	31.75	463.91	690.99	210.43	1250	1560	1460	1820	2630	2870	3000	3000
38	38	965.2		0.312	7.92	125.58	187.05	56.96	300	370	340	430	620	680	770	830	
				0.344	8.74	138.35	206.07	62.76	330	410	380	480	680	750	850	910	
				0.375	9.52	150.69	224.45	68.35	360	440	410	520	750	820	920	990	
				0.406	10.31	163.01	242.80	73.94	380	480	450	560	810	880	1000	1080	
				0.438	11.13	175.71	261.72	79.70	410	520	480	610	870	950	1080	1160	
				0.469	11.91	187.99	280.01	85.27	440	560	520	650	930	1020	1160	1240	
				0.500	12.70	200.25	298.27	90.83	470	590	550	690	990	1090	1230	1330	
				0.562	14.27	224.71	334.71	101.93	530	670	620	780	1120	1220	1380	1490	
				0.625	15.88	249.48	371.60	113.16	590	740	690	860	1240	1360	1540	1660	
				0.688	17.48	274.16	408.36	124.36	650	810	760	950	1370	1500	1690	1830	
				0.750	19.05	298.37	444.42	135.34	710	890	830	1040	1490	1630	1850	1990	
				0.812	20.62	322.50	480.36	146.29	770	960	900	1120	1620	1770	2000	2150	
				0.875	22.22	346.93	516.75	157.37	830	1040	970	1210	1740	1910	2160	2320	
				0.938	23.83	371.28	553.02	168.41	890	1110	1040	1300	1870	2040	2310	2490	
				1.000	25.40	395.16	588.59	179.24	950	1180	1110	1380	1990	2180	2460	2650	
				1.062	26.97	418.96	624.04	190.04	1010	1260	1170	1470	2110	2310	2620	2820	
				1.125	28.58	443.05	659.92	200.97	1070	1330	1240	1550	2240	2450	2770	2980	
				1.188	30.18	467.06	695.69	211.86	1130	1410	1310	1640	2360	2590	2930	3000	
				1.250	31.75	490.61	730.76	222.54	1180	1480	1380	1730	2490	2720	3000	3000	
40	40	1016.0		0.312	7.92	132.25	196.99	59.99	280	350	330	410	590	650	730	790	
				0.344	8.74	145.69	217.01	66.08	310	390	360	450	650	710	800	870	
				0.375	9.52	158.70	236.38	71.99	340	420	390	490	710	780	880	940	
				0.406	10.31	171.68	255.72	77.87	370	460	430	530	770	840	950	1020	
				0.438	11.13	185.06	275.65	83.94	390	490	460	570	830	910	1020	1100	
				0.469	11.91	198.01	294.94	89.82	420	530	490	620	890	970	1100	1180	
				0.500	12.70	210.93	314.18	95.68	450	560	520	660	940	1040	1170	1260	
				0.562	14.27	236.71	352.58	107.37	510	630	590	740	1060	1160	1320	1420	
				0.625	15.88	262.83	391.49	119.22	560	700	660	820	1180	1290	1460	1580	
				0.688	17.48	288.86	430.26	131.03	620	770	720	900	1300	1420	1610	1730	
				0.750	19.05	314.39	468.28	142.61	680	840	790	980	1420	1550	1760	1890	
				0.812	20.62	339.84	506.19	154.15	730	910	850	1070	1530	1680	1900	2050	
				0.875	22.22	365.62	544.59	165.85	790	980	920	1150	1650	1810	2050	2200	
				0.938	23.83	391.32	582.87	177.50	840	1060	980	1230	1770	1940	2190	2360	
				1.000	25.40	416.52	620.41	188.93	900	1120	1050	1310	1890	2070	2340	2520	
				1.062	26.97	441.64	657.82	200.33	960	1190	1120	1390	2010	2200	2490	2680	
				1.125	28.58	467.08	695.72	211.87	1010	1270	1180	1480	2130	2330	2630	2830	
				1.188	30.18	492.44	733.49	223.37	1070	1340	1250	1560	2250	2460	2780	2990	
				1.250	31.75	517.31	770.53	234.65	1130	1410	1310	1640	2360	2590	2930	3000	
42	42	1066.8		0.344	8.74	153.04	227.95	69.42	290	370	340	430	620	680	770	830	
				0.375	9.52	166.71	248.31	75.62	320	400	380	470	680	740	840	900	
				0.406	10.31	180.35	268.63	81.81	350	430	410	510	730	800	900	970	
				0.438	11.13	194.42	289.59	88.19	380	470	440	550	790	860	980	1050	



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure							
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX			
Nominal Size	in	mm	Sch. No.	in	mm				A		B		X42	X46	X52	X56
									Std.	Alt.	Std.	Alt.				
42	42	1066.8		0.469	11.91	208.03	309.86	94.36	400	500	470	590	840	920	1050	1130
			0.500	12.70	221.61	330.09	100.52	430	540	500	620	900	990	1110	1200	
			0.562	14.27	248.72	370.47	112.82	480	600	560	700	1010	1110	1250	1350	
			0.625	15.88	276.18	411.37	125.28	540	670	620	780	1120	1230	1390	1500	
			0.688	17.48	303.55	452.14	137.69	590	740	690	860	1240	1360	1530	1650	
			0.750	19.05	330.41	492.15	149.87	640	800	750	940	1350	1480	1670	1800	
			0.812	20.62	357.19	532.03	162.02	700	870	810	1020	1460	1600	1810	1950	
			0.875	22.22	384.31	572.43	174.32	750	940	880	1090	1580	1720	1950	2100	
			0.938	23.83	411.35	612.71	186.59	800	1000	940	1170	1690	1850	2090	2250	
			1.000	25.40	437.88	652.22	198.62	860	1070	1000	1250	1800	1970	2230	2400	
			1.062	26.97	464.32	691.60	210.62	910	1140	1060	1330	1910	2090	2370	2550	
			1.125	28.58	491.11	731.51	222.77	960	1210	1130	1410	2030	2220	2510	2700	
			1.188	30.18	517.82	771.29	234.88	1020	1270	1190	1480	2140	2340	2650	2850	
			1.250	31.75	544.01	810.30	246.76	1070	1340	1250	1560	2250	2460	2790	3000	
44	44	1117.6		0.344	8.74	160.39	238.90	72.75	280	350	330	410	590	650	730	790
			0.375	9.52	174.72	260.25	79.26	310	380	360	450	640	710	800	860	
			0.406	10.31	189.03	281.56	85.74	330	420	390	480	700	760	860	930	
			0.438	11.13	203.78	303.53	92.43	360	450	420	520	750	820	930	1000	
			0.469	11.91	218.04	324.77	98.90	380	480	450	560	810	880	1000	1070	
			0.500	12.70	232.29	346.00	105.37	410	510	480	600	860	940	1060	1150	
			0.562	14.27	260.72	388.34	118.26	460	570	540	670	970	1060	1200	1290	
			0.625	15.88	289.53	431.25	131.33	510	640	600	750	1070	1180	1330	1430	
			0.688	17.48	318.25	474.03	144.36	560	700	660	820	1180	1290	1460	1580	
			0.750	19.05	346.43	516.01	157.14	610	770	720	890	1290	1410	1600	1720	
			0.812	20.62	374.53	557.86	169.89	660	830	780	970	1400	1530	1730	1860	
			0.875	22.22	403.00	600.27	182.80	720	890	840	1040	1500	1650	1860	2000	
			0.938	23.83	431.39	642.56	195.68	770	960	900	1120	1610	1770	2000	2150	
			1.000	25.40	459.24	684.04	208.31	820	1020	950	1190	1720	1880	2130	2290	
1.062	26.97	487.01	725.40	220.91	870	1090	1010	1270	1820	2000	2260	2430				
1.125	28.58	515.14	767.30	233.67	920	1150	1070	1340	1930	2120	2390	2580				
1.188	30.18	543.19	809.08	246.39	970	1210	1130	1420	2040	2240	2530	2720				
1.250	31.75	570.71	850.07	258.87	1020	1280	1190	1490	2150	2350	2660	2860				
46	46	1168.4		0.344	8.74	167.74	249.85	76.09	270	340	310	390	570	620	700	750
			0.375	9.52	182.73	272.18	82.89	290	370	340	430	620	680	760	820	
			0.406	10.31	197.70	294.47	89.68	320	400	370	460	670	730	830	890	
			0.438	11.13	213.13	317.46	96.68	340	430	400	500	720	790	890	960	
			0.469	11.91	228.06	339.70	103.45	370	460	430	540	770	840	950	1030	
			0.500	12.70	242.97	361.90	110.21	390	490	460	570	820	900	1020	1100	
			0.562	14.27	272.73	406.23	123.71	440	550	510	640	920	1010	1140	1230	
			0.625	15.88	302.88	451.14	137.39	490	610	570	710	1030	1120	1270	1370	
			0.688	17.48	332.95	495.93	151.03	540	670	630	790	1130	1240	1400	1510	
			0.750	19.05	362.45	539.87	164.41	590	730	680	860	1230	1350	1530	1640	
			0.812	20.62	391.88	583.71	177.76	640	790	740	930	1330	1460	1650	1780	
			0.875	22.22	421.69	628.11	191.28	680	860	800	1000	1440	1580	1780	1920	
			0.938	23.83	451.42	672.39	204.76	730	920	860	1070	1540	1690	1910	2060	
			1.000	25.40	480.60	715.85	218.00	780	980	910	1140	1640	1800	2030	2190	
1.062	26.97	509.69	759.18	231.20	830	1040	970	1210	1750	1910	2160	2330				
1.125	28.58	539.17	803.09	244.57	880	1100	1030	1280	1850	2020	2290	2470				
1.188	30.18	568.57	846.89	257.90	930	1160	1080	1360	1950	2140	2420	2600				
1.250	31.75	597.41	889.84	270.99	980	1220	1140	1430	2050	2250	2540	2740				
48	48	1219.2		0.344	8.74	175.08	260.78	79.42	260	320	300	380	540	590	670	720
			0.375	9.52	190.74	284.11	86.52	280	350	330	410	590	650	730	790	
			0.406	10.31	206.37	307.39	93.61	300	380	360	440	640	700	790	850	
			0.438	11.13	222.49	331.40	100.92	330	410	380	480	690	760	850	920	
			0.469	11.91	238.08	354.62	107.99	350	440	410	510	740	810	910	980	
			0.500	12.70	253.65	377.81	115.06	380	470	440	550	790	860	980	1050	
			0.562	14.27	284.73	424.11	129.15	420	530	490	610	890	970	1100	1180	
			0.625	15.88	316.23	471.02	143.44	470	590	550	680	980	1080	1220	1310	
			0.688	17.48	347.64	517.81	157.69	520	640	600	750	1080	1190	1340	1440	
			0.750	19.05	378.47	563.73	171.67	560	700	660	820	1180	1290	1460	1580	
			0.812	20.62	409.22	609.53	185.62	610	760	710	890	1280	1400	1580	1710	
			0.875	22.22	440.38	655.95	199.76	660	820	770	960	1380	1510	1710	1840	
			0.938	23.87	471.46	702.24	213.85	700	880	820	1030	1480	1620	1830	1970	
			1.000	25.40	501.96	747.67	227.69	750	940	880	1090	1580	1720	1950	2100	
1.062	26.97	532.38	792.98	241.49	800	1000	930	1160	1670	1830	2070	2230				
1.125	28.58	563.20	838.89	255.47	840	1050	980	1230	1770	1940	2190	2360				
1.188	30.18	593.94	884.67	269.41	890	1110	1040	1300	1870	2050	2320	2490				
1.250	31.75	624.11	929.61	283.10	940	1170	1090	1370	1970	2160	2440	2620				



API Pipes (Continued)

Size						Weight			Hydrostatic Test Pressure							
Outside Diameter			Wall Thickness			lb/ft	kg/m	kg/ft	API 5L				API 5LX			
									A		B		X42	X46	X52	X56
in	in	mm	Sch.No.	in	mm				Std.	Alt.	Std.	Alt.				
52	52	1320.8		0.375	9.52	206.76	307.97	93.79	-----	-----	-----	-----	-----	-----	-----	-----
				0.406	10.31	223.72	333.23	101.48	-----	-----	-----	-----	-----	-----	-----	-----
				0.438	11.13	241.20	359.27	109.41	300	380	350	440	640	700	790	850
				0.469	11.91	258.11	384.45	117.08	320	410	380	470	680	750	840	910
				0.500	12.70	275.01	409.63	124.74	350	430	400	500	730	800	900	970
				0.562	14.27	308.74	459.87	140.04	390	490	450	570	820	890	1010	1090
				0.625	15.88	342.93	510.79	155.55	430	540	500	630	910	1000	1130	1210
				0.688	17.48	377.03	561.59	171.02	480	600	560	690	1000	1100	1240	1330
				0.750	19.05	410.51	611.45	186.21	520	650	610	760	1090	1190	1350	1450
				0.812	20.62	443.91	661.20	201.36	560	700	660	820	1180	1290	1460	1570
				0.875	22.22	477.76	711.62	216.71	610	760	710	880	1270	1390	1580	1700
				0.938	23.83	511.53	761.92	232.03	650	810	760	950	1360	1490	1690	1820
				1.000	25.40	544.68	811.30	247.07	690	870	810	1010	1450	1590	1800	1940
				1.062	26.97	577.75	860.56	262.07	740	920	860	1070	1540	1690	1910	2060
				1.125	28.58	611.26	910.47	277.27	780	970	910	1140	1640	1790	2030	2180
				1.188	30.18	644.69	960.27	292.43	820	1030	960	1200	1730	1890	2140	2300
				1.250	31.75	677.51	1009.15	307.32	870	1080	1010	1260	1820	1990	2250	2420
56	56	1422.4		0.375	9.52	222.78	340.77	101.05	-----	-----	-----	-----	-----	-----	-----	
				0.406	10.31	241.06	359.06	109.34	-----	-----	-----	-----	-----	-----	-----	
				0.438	11.13	259.91	387.14	117.90	280	350	330	410	590	650	730	790
				0.469	11.91	278.15	414.30	126.17	300	380	350	440	630	690	780	840
				0.500	12.70	296.37	441.44	134.43	320	400	380	470	680	740	840	900
				0.562	14.27	332.75	495.63	150.94	360	450	420	530	760	830	940	1010
				0.625	15.88	369.63	550.56	167.66	400	500	470	590	840	920	1040	1120
				0.688	17.48	406.42	605.36	184.35	440	550	520	650	930	1020	1150	1240
				0.750	19.05	442.55	659.18	200.74	480	600	560	700	1010	1110	1250	1350
				0.812	20.62	478.60	712.87	217.09	520	650	610	760	1100	1200	1360	1460
				0.875	22.22	515.14	767.30	233.67	560	700	660	820	1180	1290	1460	1570
				0.938	23.83	551.60	821.61	250.21	600	750	700	880	1270	1390	1570	1690
				1.000	25.40	587.40	874.93	266.44	640	800	750	940	1350	1480	1670	1800
				1.062	26.97	623.12	928.14	282.65	680	850	800	1000	1430	1570	1780	1910
				1.125	28.58	659.32	982.06	299.07	720	900	840	1050	1520	1660	1880	2020
				1.188	30.18	695.45	1035.87	315.46	760	950	890	1110	1600	1760	1990	2140
				1.250	31.75	730.91	1088.69	331.54	800	1000	940	1170	1690	1850	2090	2250
60	60	1524.0		0.375	9.52	238.80	355.69	108.32	-----	-----	-----	-----	-----	-----	-----	
				0.406	10.31	258.40	384.89	117.21	-----	-----	-----	-----	-----	-----	-----	
				0.438	11.13	278.62	415.00	126.38	-----	-----	-----	-----	-----	-----	-----	
				0.469	11.91	298.19	444.15	135.26	-----	-----	-----	-----	-----	-----	-----	
				0.500	12.70	317.73	473.26	144.12	300	380	350	440	630	690	780	840
				0.562	14.27	356.76	531.39	161.83	340	420	390	490	710	780	880	940
				0.625	15.88	396.33	590.33	179.78	380	470	440	550	790	860	980	1050
				0.688	17.48	435.71	649.14	197.68	410	520	480	600	870	950	1070	1160
				0.750	19.05	474.59	706.90	215.27	450	560	530	660	950	1030	1170	1260
				0.812	20.62	513.29	764.55	232.83	490	610	570	710	1020	1120	1270	1360
				0.875	22.22	552.52	822.98	250.62	530	660	610	770	1100	1210	1370	1470
				0.938	23.83	591.67	881.29	268.38	560	700	660	820	1180	1290	1460	1580
				1.000	25.40	630.12	938.56	285.82	600	750	700	880	1260	1380	1560	1680
				1.062	26.97	668.48	995.70	303.22	640	800	740	930	1340	1470	1660	1780
				1.125	28.58	707.38	1053.64	320.87	680	840	790	980	1420	1550	1760	1890
				1.188	30.18	746.20	1111.46	338.48	710	890	830	1040	1500	1640	1850	2000
				1.250	31.75	784.31	1168.23	355.76	750	940	880	1090	1580	1720	1950	2100
64	64	1625.6		0.375	9.52	254.82	379.55	115.59	-----	-----	-----	-----	-----	-----	-----	
				0.406	10.31	275.75	410.73	125.08	-----	-----	-----	-----	-----	-----	-----	
				0.438	11.13	297.33	442.87	134.87	-----	-----	-----	-----	-----	-----	-----	
				0.469	11.91	318.22	473.99	144.34	-----	-----	-----	-----	-----	-----	-----	
				0.500	12.70	339.09	505.07	153.81	280	350	330	410	590	650	730	790
				0.562	14.27	380.76	567.14	172.71	320	400	370	460	660	730	820	890
				0.625	15.88	423.03	630.10	191.89	350	440	410	510	740	810	910	980
				0.688	17.48	465.21	692.93	211.02	390	480	450	560	810	890	1010	1080
				0.750	19.05	506.63	754.63	229.81	420	530	490	620	890	970	1100	1180
				0.812	20.62	547.98	816.22	248.56	460	570	530	670	960	1050	1190	1280
				0.875	22.22	589.90	878.66	267.58	490	620	570	720	1030	1130	1280	1380
				0.938	23.87	631.74	940.98	286.56	530	660	620	770	1110	1210	1370	1480
				1.000	25.40	672.84	1002.20	305.20	560	700	660	820	1180	1290	1460	1570
				1.062	26.97	713.85	1063.28	323.80	600	750	700	870	1250	1370	1550	1670
				1.125	28.58	755.44	1125.22	342.67	630	790	740	920	1330	1460	1650	1770
				1.188	30.18	796.95	1187.06	361.50	670	840	780	970	1400	1540	1740	1870
				1.250	31.75	837.71	1247.77	379.99	700	880	820	1030	1480	1620	1830	1970