

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
1/8	0.405	0.068	0.24	5L	STD	40	10.3	1.73	0.37
1/8	0.405	0.095	0.31	5L	XS	80	10.3	2.41	0.47
1/4	0.540	0.088	0.42	5L	STD	40	13.7	2.24	0.63
1/4	0.540	0.119	0.54	5L	XS	80	13.7	3.02	0.80
3/8	0.675	0.091	0.57	5L	STD	40	17.1	2.31	0.84
3/8	0.675	0.126	0.74	5L	XS	80	17.1	3.20	1.10
1/2	0.840	0.109	0.85	5L	STD	40	21.3	2.77	1.27
1/2	0.840	0.147	1.09	5L	XS	80	21.3	3.73	1.62
1/2	0.840	0.188	1.31	...	...	160	21.3	4.78	1.95
1/2	0.840	0.294	1.71	5L	XXS	...	21.3	7.47	2.55
3/4	1.050	0.113	1.13	5L	STD	40	26.7	2.87	1.69
3/4	1.050	0.154	1.47	5L	XS	80	26.7	3.91	2.20
3/4	1.050	0.219	1.94	...	...	160	26.7	5.56	2.90
3/4	1.050	0.308	2.44	5L	XXS	...	26.7	7.82	3.64
1	1.315	0.133	1.68	5L	STD	40	33.4	3.38	2.50
1	1.315	0.179	2.17	5L	XS	80	33.4	4.55	3.24
1	1.315	0.250	2.84	...	...	160	33.4	6.35	4.24
1	1.315	0.358	3.66	5L	XXS	...	33.4	9.09	5.45
1 1/4	1.660	0.140	2.27	5L	STD	40	42.2	3.56	3.39
1 1/4	1.660	0.191	3.00	5L	XS	80	42.2	4.85	4.47
1 1/4	1.660	0.250	3.76	...	...	160	42.2	6.35	5.61
1 1/4	1.660	0.352	5.21	5L	XXS	...	42.2	9.70	7.77
1 1/2	1.900	0.145	2.72	5L	STD	40	48.3	3.68	4.05
1 1/2	1.990	0.200	3.63	5L	XS	80	48.3	5.08	5.41
1 1/2	1.990	0.281	4.86	...	...	160	48.3	7.14	7.25
1 1/2	1.990	0.400	6.41	5L	XXS	...	48.3	10.15	9.56
2	2.375	0.083	2.03	5L	...	...	60.3	2.11	3.03
2	2.375	0.109	2.64	5L	...	...	60.3	2.77	3.93
2	2.375	0.125	3.00	5L	...	...	60.3	3.18	4.48
2	2.375	0.141	3.36	5L	...	...	60.3	3.58	5.01
2	2.375	0.154	3.65	5L	STD	40	60.3	3.91	5.44
2	2.375	0.172	4.05	5L	...	...	60.3	4.37	6.03
2	2.375	0.188	4.39	5L	...	...	60.3	4.78	6.54
2	2.375	0.218	5.02	5L	XS	80	60.3	5.54	7.48
2	2.375	0.250	5.67	5L	...	...	60.3	6.35	8.45
2	2.375	0.281	6.28	5L	...	...	60.3	7.14	9.36
2	2.375	0.344	7.46	...	...	160	60.3	8.74	11.11
2	2.375	0.436	9.03	...	XXS	...	60.3	11.07	13.44

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Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
2 1/2	2.875	0.083	2.47	5L	...	...	73.0	2.11	3.69
2 1/2	2.875	0.109	3.22	5L	...	...	73.0	2.77	4.80
2 1/2	2.875	0.125	3.67	5L	...	...	73.0	3.18	5.48
2 1/2	2.875	0.141	4.12	5L	...	...	73.0	3.58	6.13
2 1/2	2.875	0.156	4.53	5L	...	...	73.0	3.96	6.74
2 1/2	2.875	0.172	4.97	5L	...	...	73.0	4.37	7.40
2 1/2	2.875	0.188	5.40	5L	...	...	73.0	4.78	8.04
2 1/2	2.875	0.203	5.79	5L	STD	40	73.0	5.16	8.63
2 1/2	2.875	0.216	6.13	5L	...	...	73.0	5.49	9.14
2 1/2	2.875	0.250	7.01	5L	...	...	73.0	6.35	10.44
2 1/2	2.875	0.276	7.66	5L	XS	80	73.0	7.01	11.41
2 1/2	2.875	0.375	10.01	...	...	160	73.0	9.53	14.92
2 1/2	2.875	0.552	13.69	5L	XXS	...	73.0	14.02	20.39
3	3.500	0.083	3.03	5L	...	...	88.9	2.11	4.52
3	3.500	0.109	3.95	5L	...	...	88.9	2.77	5.88
3	3.500	0.125	4.51	5L	...	...	88.9	3.18	6.72
3	3.500	0.141	5.06	5L	...	...	88.9	3.58	7.53
3	3.500	0.156	5.57	5L	...	...	88.9	3.96	8.29
3	3.500	0.172	6.11	5L	...	...	88.9	4.37	9.11
3	3.500	0.188	6.65	5L	...	...	88.9	4.78	9.92
3	3.500	0.216	7.58	5L	STD	40	88.9	5.49	11.29
3	3.500	0.250	8.68	5L	...	...	88.9	6.35	12.93
3	3.500	0.281	9.66	5L	...	...	88.9	7.14	14.40
3	3.500	0.300	10.25	5L	XS	80	88.9	7.62	15.27
3	3.500	0.438	14.32	...	...	160	88.9	11.13	21.35
3	3.500	0.600	18.58	5L	XXS	...	88.9	15.24	27.68
3 1/2	4.000	0.083	3.47	5L	...	...	101.6	2.11	5.18
3 1/2	4.000	0.109	4.53	5L	...	...	101.6	2.77	6.75
3 1/2	4.000	0.125	5.17	5L	...	...	101.6	3.18	7.72
3 1/2	4.000	0.141	5.81	5L	...	...	101.6	3.58	8.65
3 1/2	4.000	0.156	6.40	5L	...	...	101.6	3.96	9.53
3 1/2	4.000	0.172	7.03	5L	...	...	101.6	4.37	10.48
3 1/2	4.000	0.188	7.65	5L	...	...	101.6	4.78	11.41
3 1/2	4.000	0.226	9.11	5L	STD	40	101.6	5.74	13.57
3 1/2	4.000	0.250	10.01	5L	...	...	101.6	6.35	14.92
3 1/2	4.000	0.281	11.16	5L	...	...	101.6	7.14	16.63
3 1/2	4.000	0.318	12.50	5L	XS	80	101.6	8.08	18.63
4	4.500	0.083	3.92	5L	...	...	114.3	2.11	5.84
4	4.500	0.109	5.11	5L	...	...	114.3	2.77	7.62
4	4.500	0.125	5.84	5L	...	...	114.3	3.18	8.71
4	4.500	0.141	6.56	5L	...	...	114.3	3.58	9.77
4	4.500	0.156	7.24	5L	...	...	114.3	3.96	10.78
4	4.500	0.172	7.95	5L	...	...	114.3	4.37	11.85
4	4.500	0.188	8.66	5L	...	...	114.3	4.78	12.91
4	4.500	0.203	9.32	5L	...	...	114.3	5.16	13.89

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4	4.500	0.219	10.01	5L	...	...	114.3	5.56	14.91
4	4.500	0.237	10.79	5L	STD	40	114.3	6.02	16.07
4	4.500	0.250	11.35	5L	...	...	114.3	6.35	16.90
4	4.500	0.281	12.66	5L	...	...	114.3	7.14	18.87
4	4.500	0.312	13.96	5L	...	...	114.3	7.92	20.78
4	4.500	0.337	14.98	5L	XS	80	114.3	8.56	22.32
4	4.500	0.438	19.00	5L	...	120	114.3	11.13	28.32
4	4.500	0.531	22.51	5L	...	160	114.3	13.49	35.54
4	4.500	0.674	27.54	5L	XXS	...	114.3	17.12	41.03
5	5.563	0.083	4.86	5L	...	...	114.3	2.11	7.24
5	5.563	0.125	7.26	5L	...	...	114.3	3.18	10.83
5	5.563	0.156	9.01	5L	...	...	114.3	3.96	13.41
5	5.563	0.188	10.79	5L	...	...	114.3	4.78	16.09
5	5.563	0.219	12.50	5L	...	...	114.3	5.56	18.61
5	5.563	0.258	14.62	5L	STD	40	114.3	6.55	21.77
5	5.563	0.281	15.85	5L	...	...	114.3	7.14	23.62
5	5.563	0.312	17.50	5L	...	...	114.3	7.92	26.05
5	5.563	0.344	19.17	5L	...	...	114.3	8.74	28.57
5	5.563	0.375	20.78	5L	XS	80	114.3	9.53	30.97
5	5.563	0.500	27.04	5L	...	130	114.3	12.70	40.28
5	5.563	0.625	32.96	5L	...	160	114.3	15.88	49.11
5	5.563	0.750	38.55	5L	XXS	...	114.3	19.05	57.43
6	6.625	0.083	5.80	5L	...	...	168.3	2.11	8.65
6	6.625	0.109	7.59	5L	...	...	168.3	2.77	11.31
6	6.625	0.125	8.68	5L	...	...	168.3	3.18	12.95
6	6.625	0.141	9.76	5L	...	...	168.3	3.58	14.54
6	6.625	0.156	10.78	5L	...	...	168.3	3.96	16.05
6	6.625	0.172	11.85	5L	...	...	168.3	4.37	17.67
6	6.625	0.188	12.92	5L	...	...	168.3	4.78	19.27
6	6.625	0.203	13.92	5L	...	...	168.3	5.16	20.76
6	6.625	0.219	14.98	5L	...	...	168.3	5.56	22.31
6	6.625	0.250	17.02	5L	...	...	168.3	6.35	25.36
6	6.625	0.280	18.97	5L	STD	40	168.3	7.11	28.26
6	6.625	0.312	21.04	5L	...	...	168.3	7.92	31.32
6	6.625	0.344	23.08	5L	...	...	168.3	8.74	34.39
6	6.625	0.375	25.03	5L	...	...	168.3	9.53	37.31
6	6.625	0.432	28.57	5L	XS	80	168.3	10.97	42.56
6	6.625	0.500	32.71	5L	...	...	168.3	12.70	48.73
6	6.625	0.562	36.39	5L	...	120	168.3	14.27	54.20
6	6.625	0.625	40.05	5L	...	...	168.3	15.88	59.69
6	6.625	0.719	45.35	5L	...	160	168.3	18.26	67.56
6	6.625	0.750	47.06	5L	...	...	168.3	19.05	70.11
6	6.625	0.864	53.16	...	XXS	...	168.3	21.95	79.22
6	6.625	0.875	53.73	5L	...	...	168.3	22.23	80.07

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8	8.625	0.125	11.35	5L	...	...	219.1	3.18	16.93
8	8.625	0.156	14.11	5L	...	...	219.1	3.96	21.01
8	8.625	0.188	16.94	5L	...	...	219.1	4.78	25.26
8	8.625	0.203	18.26	5L	...	...	219.1	5.16	27.22
8	8.625	0.219	19.66	5L	...	...	219.1	5.56	29.28
8	8.625	0.250	22.36	5L	...	20	219.1	6.35	33.31
8	8.625	0.277	24.70	5L	...	30	219.1	7.04	36.81
8	8.625	0.312	27.70	5L	...	...	219.1	7.92	41.24
8	8.625	0.322	28.55	5L	...	40	219.1	8.18	42.55
8	8.625	0.344	30.42	5L	...	...	219.1	8.74	45.34
8	8.625	0.375	33.04	5L	...	...	219.1	9.53	49.25
8	8.625	0.406	35.64	C	...	60	219.1	10.31	53.08
8	8.625	0.438	38.30	5L	STD	...	219.1	11.13	57.08
8	8.625	0.500	43.39	5L	...	80	219.1	12.70	64.64
8	8.625	0.562	48.40	5L	...	...	219.1	14.27	72.08
8	8.625	0.594	50.95	...	...	100	219.1	15.09	75.92
8	8.625	0.625	53.40	5L	...	...	219.1	15.88	79.58
8	8.625	0.719	60.71	5L	XS	120	219.1	18.26	90.44
8	8.625	0.750	63.08	5L	...	...	219.1	19.05	93.98
8	8.625	0.812	67.76	5L	...	140	219.1	20.62	100.92
8	8.625	0.875	72.42	5L	XXS	...	219.1	22.23	107.92
8	8.625	0.906	74.69	...	...	160	219.1	23.01	111.27
8	8.625	1.000	81.44	5L	...	...	219.1	25.40	121.33
10	10.750	0.156	17.65	5L	...	...	273.0	3.96	26.28
10	10.750	0.188	21.21	5L	...	...	273.0	4.78	31.63
10	10.750	0.203	22.87	5L	...	...	273.0	5.16	34.09
10	10.750	0.219	24.63	5L	...	...	273.0	5.56	36.68
10	10.750	0.250	28.04	5L	...	20	273.0	6.35	41.77
10	10.750	0.279	31.20	5L	...	...	273.0	7.09	46.51
10	10.750	0.307	34.24	5L	...	30	273.0	7.80	51.03
10	10.750	0.344	38.23	5L	...	...	273.0	8.74	56.98
10	10.750	0.365	40.48	5L	STD	40	273.0	9.27	60.31
10	10.750	0.438	48.24	5L	...	...	273.0	11.13	71.90
10	10.750	0.500	54.74	5L	XS	60	273.0	12.70	81.55
10	10.750	0.562	61.15	5L	...	...	273.0	14.27	91.08
10	10.750	0.594	64.43	...	...	80	273.0	15.09	96.01
10	10.750	0.625	67.58	5L	...	...	273.0	15.88	100.73
10	10.750	0.719	77.03	5L	...	100	273.0	18.26	114.75
10	10.750	0.812	86.18	5L	...	...	273.0	20.62	128.38
10	10.750	0.844	89.29	...	...	120	273.0	21.44	133.06
10	10.750	0.875	92.28	5L	...	...	273.0	22.23	137.52
10	10.750	0.938	98.30	5L	...	...	273.0	23.83	146.48
10	10.750	1.000	104.13	5L	XXS	140	273.0	25.40	155.15
10	10.750	1.125	115.64	...	...	160	273.0	28.58	172.33
10	10.750	1.250	126.83s	5L	...	...	273.0	31.75	188.97

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12	12.750	0.172	23.11	5L	...	...	323.8	4.37	34.43
12	12.750	0.188	25.22	5L	...	...	323.8	4.78	37.62
12	12.750	0.203	27.20	...	...	...	323.8	5.16	40.56
12	12.750	0.219	29.31	5L	...	...	323.8	5.56	43.65
12	12.750	0.250	33.38	5L	...	20	323.8	6.35	49.73
12	12.750	0.281	37.42	5L	...	...	323.8	7.14	55.77
12	12.750	0.312	41.45	5L	...	...	323.8	7.92	61.71
12	12.750	0.330	43.77	5L	...	30	323.8	8.38	65.20
12	12.750	0.344	45.58	5L	...	...	323.8	8.74	67.93
12	12.750	0.375	49.56	5L	STD	...	323.8	9.53	73.88
12	12.750	0.406	53.52	5L	...	40	323.8	10.31	79.73
12	12.750	0.438	57.59	5L	...	...	323.8	11.13	85.84
12	12.750	0.500	65.42	5L	XS	...	323.8	12.70	97.46
12	12.750	0.562	73.15	5L	...	60	323.8	14.27	108.96
12	12.750	0.625	80.93	5L	...	...	323.8	15.88	120.62
12	12.750	0.688	88.63	5L	...	80	323.8	17.48	132.08
12	12.750	0.750	96.12	5L	...	...	323.8	19.05	143.21
12	12.750	0.812	103.53	5L	...	...	323.8	20.62	154.21
12	12.750	0.844	107.32	...	...	100	323.8	21.44	159.91
12	12.750	0.875	110.97	5L	...	...	323.8	22.23	165.37
12	12.750	0.938	118.33	5L	...	...	323.8	23.83	176.33
12	12.750	1.000	125.49	5L	XXS	120	323.8	25.40	186.97
12	12.750	1.062	132.57	5L	...	...	323.8	26.97	197.48
12	12.750	1.125	139.67	5L	...	140	323.8	28.58	208.14
12	12.750	1.250	153.53	5L	...	...	323.8	31.75	228.74
12	12.750	1.312	160.27	5L	...	160	323.8	33.32	238.76
14	14.000	0.188	27.73	5L	...	...	355.6	4.78	41.35
14	14.000	0.203	29.91	5L	...	...	355.6	5.16	44.59
14	14.000	0.210	30.93	5L	...	...	355.6	5.33	46.04
14	14.000	0.219	32.23	5L	...	...	355.6	5.56	47.99
14	14.000	0.250	36.71	5L	...	10	355.6	6.35	54.69
14	14.000	0.281	41.17	5L	...	...	355.6	7.14	61.35
14	14.000	0.312	45.61	5L	...	20	355.6	7.92	67.90
14	14.000	0.344	50.17	5L	...	...	355.6	8.74	74.76
14	14.000	0.375	54.57	5L	STD	30	355.6	9.53	81.33
14	14.000	0.406	58.94	5L	...	...	355.6	10.31	87.79
14	14.000	0.438	63.44	5L	...	40	355.6	11.13	94.55
14	14.000	0.469	67.78	5L	...	...	355.6	11.91	100.94
14	14.000	0.500	72.09	5L	XS	...	355.6	12.70	107.39
14	14.000	0.562	80.66	5L	...	...	355.6	14.27	120.11
14	14.000	0.594	85.05	...	...	60	355.6	15.09	126.71
14	14.000	0.625	89.28	5L	...	...	355.6	15.88	133.03
14	14.000	0.688	97.81	5L	...	...	355.6	17.48	145.75
14	14.000	0.750	106.13	5L	...	80	355.6	19.05	158.10
14	14.000	0.812	114.37	5L	...	...	355.6	20.62	170.33
14	14.000	0.875	122.65S	5L	...	...	355.6	22.23	182.75

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14	14.000	0.938	130.85	5L	...	100	355.6	23.83	194.96
14	14.000	1.000	138.84	5L	...	...	355.6	25.40	206.83
14	14.000	1.062	146.74	5L	...	...	355.6	26.97	218.57
14	14.000	1.094	150.79	...	...	120	355.6	27.79	224.65
14	14.000	1.125	154.69	5L	...	...	355.6	28.58	230.48
14	14.000	1.250	170.21	5L	...	140	355.6	31.75	253.56
14	14.000	1.406	189.11	...	...	160	355.6	35.71	281.70
14	14.000	2.000	256.32	...	...	...	355.6	50.80	381.83
14	14.000	2.125	269.50	...	...	...	355.6	53.98	401.50
14	14.000	2.200	277.25	...	...	...	355.6	55.88	413.01
14	14.000	2.500	307.05	...	...	...	355.6	63.50	457.40
16	16.000	0.188	31.75	5L	...	...	406.4	4.78	47.34
16	16.000	0.203	34.25	5L	...	...	406.4	5.16	51.06
16	16.000	0.219	36.91	5L	...	...	406.4	5.56	54.96
16	16.000	0.250	42.05	5L	...	10	406.4	6.35	62.64
16	16.000	0.281	47.17	5L	...	...	406.4	7.14	70.30
16	16.000	0.312	52.27	5L	...	20	406.4	7.92	77.83
16	16.000	0.344	57.52	5L	...	...	406.4	8.74	85.71
16	16.000	0.375	62.58	5L	STD	30	406.4	9.53	93.27
16	16.000	0.406	67.62	5L	...	...	406.4	10.31	100.70
16	16.000	0.438	72.80	5L	...	...	406.4	11.13	108.49
16	16.000	0.469	77.79	5L	...	...	406.4	11.91	115.86
16	16.000	0.500	82.77	5L	XS	40	406.4	12.70	123.30
16	16.000	0.562	92.66	5L	...	...	406.4	14.27	137.99
16	16.000	0.625	102.63	5L	...	...	406.4	15.88	152.93
16	16.000	0.656	107.50	...	...	60	406.4	16.66	160.12
16	16.000	0.688	112.51	5L	...	...	406.4	17.48	167.65
16	16.000	0.750	122.15	5L	...	...	406.4	19.05	181.97
16	16.000	0.812	131.71	5L	...	...	406.4	20.62	196.16
16	16.000	0.844	136.61	...	...	80	406.4	21.44	203.53
16	16.000	0.875	141.34	5L	...	...	406.4	22.23	210.60
16	16.000	0.938	150.89	5L	...	...	406.4	23.83	224.82
16	16.000	1.000	160.20	5L	...	...	406.4	25.40	238.64
16	16.000	1.031	164.82	...	...	100	406.4	26.19	245.56
16	16.000	1.062	169.43	5L	...	...	406.4	26.97	252.35
16	16.000	1.125	178.72	5L	...	...	406.4	28.58	266.28
16	16.000	1.188	187.93	5L	...	...	406.4	30.18	280.00
16	16.000	1.219	192.43	...	...	120	406.4	30.96	286.64
16	16.000	1.250	196.91	5L	...	...	406.4	31.75	293.33
16	16.000	1.438	223.64	...	...	140	406.4	36.53	333.19
16	16.000	1.594	245.25	...	...	160	406.4	40.49	365.35
18	18.000	0.188	35.76	5L	...	...	457	4.78	53.31
18	18.000	0.219	41.59	5L	...	...	457	5.56	61.90
18	18.000	0.250	47.39	5L	...	10	457	6.35	70.5
18	18.000	0.281	53.18	5L	...	...	457	7.14	79.21

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
18	18.000	0.312	58.94	5L	...	20	457	7.92	87.71
18	18.000	0.344	64.87	5L	...	...	457	8.74	96.61
18	18.000	0.375	70.59	5L	STD	...	457	9.53	105.16
18	18.000	0.406	76.29	5L	...	...	457	10.31	113.57
18	18.000	0.438	82.15	5L	...	30	457	11.13	122.38
18	18.000	0.469	87.81	5L	...	...	457	11.91	130.72
18	18.000	0.500	93.45	5L	XS	...	457	12.70	139.15
18	18.000	0.562	104.67	5L	...	40	457	14.27	155.80
18	18.000	0.625	115.98	5L	...	...	457	15.88	172.74
18	18.000	0.688	127.21	5L	...	...	457	17.48	189.46
18	18.000	0.750	138.17	5L	...	60	457	19.05	205.74
18	18.000	0.812	149.06	5L	...	...	457	20.62	221.89
18	18.000	0.875	160.03	5L	...	...	457	22.23	238.34
18	18.000	0.938	170.92	5L	...	80	457	23.83	254.55
18	18.000	1.000	181.56	5L	...	...	457	25.40	270.34
18	18.000	1.062	192.11	5L	...	...	457	26.97	286.00
18	18.000	1.125	202.75	5L	...	...	457	28.58	301.94
18	18.000	1.156	207.96	...	...	100	457	29.36	309.62
18	18.000	1.188	213.31	5L	...	...	457	30.18	317.66
18	18.000	1.250	223.61	5L	...	...	457	31.75	332.95
18	18.000	1.375	244.14	...	...	120	457	34.93	363.56
18	18.000	1.562	274.22	...	...	140	457	39.67	408.26
18	18.000	1.781	308.50	...	...	160	457	45.24	459.37
20	20.000	0.219	46.27	5L	...	...	508	5.56	68.89
20	20.000	0.250	52.73	5L	...	10	508	6.35	78.55
20	20.000	0.281	59.18	5L	...	...	508	7.14	88.19
20	20.000	0.312	65.60	5L	...	...	508	7.92	97.67
20	20.000	0.344	72.21	5L	...	...	508	8.74	107.60
20	20.000	0.375	78.60	5L	STD	20	508	9.53	117.15
20	20.000	0.406	84.96	5L	...	...	508	10.31	126.53
20	20.000	0.438	91.51	5L	...	...	508	11.13	136.37
20	20.000	0.469	97.83	5L	...	...	508	11.91	145.70
20	20.000	0.500	104.13	5L	XS	30	508	12.70	155.12
20	20.000	0.562	116.67	5L	...	...	508	14.27	173.74
20	20.000	0.594	123.11	...	...	40	508	15.09	183.42
20	20.000	0.625	129.33	5L	...	...	508	15.88	192.71
20	20.000	0.688	141.90	5L	...	...	508	17.48	211.44
20	20.000	0.750	154.19	5L	...	...	508	19.05	229.70
20	20.000	0.812	166.40	5L	...	60	508	20.62	247.83
20	20.000	0.875	178.72	5L	...	...	508	22.23	266.29
20	20.000	0.938	190.96	5L	...	...	508	23.83	284.52
20	20.000	1.000	202.92	5L	...	...	508	25.40	302.28
20	20.000	1.031	208.87	...	...	80	508	26.19	311.17
20	20.000	1.062	214.80	5L	...	...	508	26.97	319.92
20	20.000	1.125	226.78	5L	...	...	508	28.58	337.89
20	20.000	1.188	238.68	5L	...	...	508	30.18	355.61
20	20.000	1.250	250.31	5L	...	...	508	31.75	372.88

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
20	20.000	1.281	256.10	...	...	100	508	32.54	381.53
20	20.000	1.312	261.86	5L	...	...	508	33.32	390.03
20	20.000	1.375	273.51	5L	...	...	508	34.93	407.49
20	20.000	1.500	296.37	...	...	120	508	39.10	441.49
20	20.000	1.750	341.09	...	...	140	508	44.45	508.11
20	20.000	1.969	379.17	...	...	160	508	50.01	564.81
22	22.000	0.219	50.94	5L	...	...	559	5.56	75.88
22	22.000	0.250	58.07	5L	...	10	508	6.35	86.54
22	22.000	0.281	65.18	5L	...	...	508	7.14	97.17
22	22.000	0.312	72.27	5L	...	...	508	7.92	107.63
22	22.000	0.344	79.56	5L	...	...	508	8.74	118.60
22	22.000	0.375	86.61	5L	STD	20	508	9.53	129.13
22	22.000	0.406	93.63	5L	...	...	508	10.31	139.50
22	22.000	0.438	100.86	5L	...	...	508	11.13	150.37
22	22.000	0.469	107.85	5L	...	...	508	11.91	160.68
22	22.000	0.500	114.81	5L	XS	30	508	12.70	171.09
22	22.000	0.562	128.67	5L	...	...	508	14.27	191.69
22	22.000	0.625	142.68	5L	...	...	508	15.88	212.69
22	22.000	0.688	156.60	5L	...	...	508	17.48	233.43
22	22.000	0.750	170.21	5L	...	...	508	19.05	253.65
22	22.000	0.812	183.75	5L	...	...	508	20.62	273.76
22	22.000	0.875	197.41	5L	...	60	508	22.23	294.25
22	22.000	0.938	211.00	5L	...	...	508	23.83	314.49
22	22.000	1.000	224.28	5L	...	...	508	25.40	334.23
22	22.000	1.062	237.48	5L	...	...	508	26.97	353.84
22	22.000	1.125	250.81	5L	...	80	508	28.58	373.83
22	22.000	1.188	264.06	5L	...	...	508	30.18	393.57
22	22.000	1.250	277.01	5L	...	...	508	31.75	412.81
22	22.000	1.312	289.88	5L	...	...	508	33.32	431.94
22	22.000	1.375	302.88	5L	...	100	508	34.93	451.42
22	22.000	1.438	315.79	5L	...	...	508	36.53	470.66
22	22.000	1.500	328.41	5L	...	...	508	38.10	489.41
22	22.000	1.625	353.61	...	...	120	508	41.28	527.02
22	22.000	1.875	403.00	...	...	140	508	47.63	600.63
22	22.000	2.125	451.06	...	...	160	508	53.98	672.26
24	24.000	0.250	63.41	5L	...	10	610	6.35	94.53
24	24.000	0.281	71.18	5L	...	...	610	7.14	106.15
24	24.000	0.312	78.93	5L	...	...	610	7.92	117.59
24	24.000	0.344	86.91	5L	...	...	610	8.74	129.59
24	24.000	0.375	94.62	5L	STD	20	610	9.53	141.12
24	24.000	0.406	102.31	5L	...	...	610	10.31	152.47
24	24.000	0.438	110.22	5L	...	...	610	11.13	164.37
24	24.000	0.469	117.86	5L	...	...	610	11.91	175.66



Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain Mas kg/t
24	24.000	0.500	125.49	5L	XS	...	610	12.70	187.
24	24.000	0.562	140.68	5L	...	30	610	14.27	209.
24	24.000	0.625	156.03	5L	...	...	610	15.88	232.
24	24.000	0.688	171.29	5L	...	40	610	17.48	255.
24	24.000	0.750	186.23	5L	...	...	610	19.05	277.
24	24.000	0.812	201.09	5L	...	...	610	20.62	299.
24	24.000	0.875	216.10	5L	...	...	610	22.23	322.
24	24.000	0.938	231.03	5L	...	...	610	23.83	344.
24	24.000	0.969	238.35	5L	...	60	610	24.61	355.
24	24.000	1.000	245.64	...	...	...	610	25.40	366.
24	24.000	1.062	260.17	5L	...	...	610	26.97	387.
24	24.000	1.125	274.84	5L	...	...	610	28.58	409.
24	24.000	1.188	289.44	5L	...	...	610	30.18	431.
24	24.000	1.219	296.58	...	...	80	610	30.96	442.
24	24.000	1.250	303.71	5L	...	...	610	31.75	452.
24	24.000	1.312	317.92	5L	...	...	610	33.32	473.
24	24.000	1.375	332.25	5L	...	...	610	34.93	495.
24	24.000	1.438	346.50	5L	...	...	610	36.53	516.
24	24.000	1.500	360.45	5L	...	...	610	38.10	537.
24	24.000	1.531	367.39	...	...	100	610	38.89	547.
24	24.000	1.562	374.31	5L	...	...	610	39.67	557.
24	24.000	1.812	429.39	...	...	120	610	46.02	640.
24	24.000	2.062	483.12	...	...	140	610	52.37	720.
24	24.000	2.344	542.13	...	...	160	610	59.54	808.
26	26.000	0.250	68.75	5L	...	...	660	6.35	102.
26	26.000	0.281	77.18	5L	...	...	660	7.14	114.
26	26.000	0.312	85.60	5L	...	10	660	7.92	127.
26	26.000	0.344	94.26	5L	...	...	660	8.74	140.
26	26.000	0.375	102.63	5L	STD	...	660	9.53	152.
26	26.000	0.406	110.98	5L	...	...	660	10.31	165.
26	26.000	0.438	119.57	5L	...	...	660	11.13	178.
26	26.000	0.469	127.88	5L	...	...	660	11.91	190.
26	26.000	0.500	136.17	5L	XS	20	660	12.70	202.
26	26.000	0.562	152.68	5L	...	...	660	14.27	227.
26	26.000	0.625	169.38	5L	...	...	660	15.88	252.
26	26.000	0.688	185.99	5L	...	...	660	17.48	276.
26	26.000	0.750	202.25	5L	...	...	660	19.05	301.
26	26.000	0.812	218.43	5L	...	...	660	20.62	325.
26	26.000	0.875	234.79	5L	...	...	660	22.23	349.
26	26.000	0.938	251.07	5L	...	...	660	23.83	373.
26	26.000	1.000	267.00	5L	...	...	660	25.40	397.
29	28.000	0.250	74.09	5L	...	...	711	6.35	110.
28	28.000	0.281	83.19	5L	...	...	711	7.14	123.
28	28.000	0.312	92.26	5L	...	10	711	7.92	137.
28	28.000	0.344	101.61	5L	...	...	711	8.74	151.

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
28	28.000	0.375	110.64	5L	STD	...	711	9.53	164.85
28	28.000	0.406	119.65	5L	...	...	711	10.31	178.15
28	28.000	0.438	128.93	5L	...	...	711	11.13	192.09
28	28.000	0.469	137.90	5L	XS	20	711	11.91	205.32
28	28.000	0.500	146.85	5L	...	...	711	12.70	218.69
28	28.000	0.562	164.69	5L	...	30	711	14.27	245.18
28	28.000	0.625	182.73	5L	...	...	711	15.88	271.21
28	28.000	0.688	200.68	5L	...	...	711	17.48	298.95
28	28.000	0.750	218.27	5L	...	...	711	19.05	325.06
28	28.000	0.812	235.78	5L	...	...	711	20.62	351.05
28	28.000	0.875	253.48	5L	...	...	711	22.23	377.58
28	28.000	0.938	271.10	5L	...	...	711	23.83	403.81
28	28.000	1.000	288.36	5L	...	...	711	25.40	429.44
30	30.000	0.250	79.43	5L	...	...	762	6.35	118.33
30	30.000	0.281	89.19	5L	...	...	762	7.14	132.91
30	30.000	0.312	98.93	5L	...	10	762	7.92	147.28
30	30.000	0.344	108.95	5L	...	...	762	8.74	162.35
30	30.000	0.375	118.65	5L	STD	...	762	9.53	176.84
30	30.000	0.406	128.32	5L	...	...	762	10.31	191.11
30	30.000	0.438	138.29	5L	...	...	762	11.13	206.09
30	30.000	0.469	147.92	5L	...	...	762	11.91	220.30
30	30.000	0.500	157.53	5L	XS	20	762	12.70	234.67
30	30.000	0.562	176.69	5L	...	...	762	14.27	263.12
30	30.000	0.625	196.08	5L	...	30	762	15.88	292.18
30	30.000	0.688	215.38	5L	...	...	762	17.48	320.93
30	30.000	0.750	234.29	5L	...	...	762	19.05	349.02
30	30.000	0.812	253.12	5L	...	...	762	20.62	376.98
30	30.000	0.875	272.17	5L	...	...	762	22.23	405.54
30	30.000	0.938	291.14	5L	...	...	762	23.83	433.78
30	30.000	1.000	309.72	5L	...	...	762	25.40	461.38
30	30.000	1.062	328.22	5L	...	...	762	26.97	488.85
30	30.000	1.125	346.93	5L	...	...	762	28.58	516.90
30	30.000	1.188	365.56	5L	...	...	762	30.18	544.65
30	30.000	1.250	383.81	5L	...	...	762	31.75	571.75
32	32.000	0.250	84.77	5L	...	...	813	6.35	126.31
32	32.000	0.281	95.19	5L	...	...	813	7.14	141.89
32	32.000	0.312	105.59	5L	...	10	813	7.92	157.24
32	32.000	0.344	116.30	5L	...	...	813	8.74	173.34
32	32.000	0.375	126.66	5L	STD	...	813	9.53	188.82
32	32.000	0.406	136.99	5L	...	...	813	10.31	204.08
32	32.000	0.438	147.64	5L	...	...	813	11.13	220.08
32	32.000	0.469	157.94	5L	...	...	813	11.91	235.28
32	32.000	0.500	168.21	5L	XS	20	813	12.70	250.64
32	32.000	0.562	188.70	5L	...	...	813	14.27	281.07
32	32.000	0.625	209.43	5L	...	30	813	15.88	312.15
32	32.000	0.688	230.08	5L	...	40	813	17.48	342.91

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
32	32.000	0.750	250.31	5L	...	...	813	19.05	372.98
32	32.000	0.812	270.47	5L	...	...	813	20.62	402.92
32	32.000	0.875	290.86	5L	...	...	813	22.23	433.49
32	32.000	0.938	311.17	5L	...	...	813	23.83	463.75
32	32.000	1.000	331.08	5L	...	...	813	25.40	493.32
32	32.000	1.062	350.90	5L	...	...	813	26.97	522.77
32	32.000	1.125	370.96	5L	...	...	813	28.58	552.85
32	32.000	1.188	390.94	5L	...	...	813	30.18	582.61
32	32.000	1.250	410.51	5L	...	...	813	31.75	611.68
34	34.000	0.250	90.11	5L	...	...	864	6.35	134.30
34	34.000	0.281	101.19	5L	...	...	864	7.14	150.87
34	34.000	0.312	112.25	5L	...	10	864	7.92	167.20
34	34.000	0.344	123.65	5L	...	...	864	8.74	184.33
34	34.000	0.375	134.67	5L	STD	...	864	9.53	200.31
34	34.000	0.406	145.67	5L	...	...	864	10.31	317.05
34	34.000	0.438	157.00	5L	...	...	864	11.13	234.08
34	34.000	0.469	167.96	5L	...	...	864	11.91	250.26
34	34.000	0.500	178.89	5L	XS	20	864	12.70	266.61
34	34.000	0.562	200.70	5L	...	...	864	14.27	299.02
34	34.000	0.625	222.78	5L	...	30	864	15.88	332.12
34	34.000	0.688	244.77	5L	...	40	864	17.48	364.90
34	34.000	0.750	266.33	5L	...	...	864	19.05	396.93
34	34.000	0.812	287.81	5L	...	...	864	20.62	428.85
34	34.000	0.875	309.55	5L	...	...	864	22.23	461.45
34	34.000	0.938	331.21	5L	...	...	864	23.83	493.72
34	34.000	1.000	352.44	5L	...	...	864	25.40	525.27
34	34.000	1.062	373.59	5L	...	...	864	26.97	556.69
34	34.000	1.125	394.99	5L	...	...	864	28.58	588.79
34	34.000	1.188	416.31	5L	...	...	864	30.18	620.56
34	34.000	1.250	437.21	5L	...	...	864	31.75	651.61
36	34.000	0.250	95.45	5L	...	...	914	6.35	142.13
36	34.000	0.281	107.20	5L	...	...	914	7.14	159.67
36	36.000	0.312	118.92	5L	...	10	914	7.92	176.96
36	36.000	0.344	131.00	5L	...	...	914	8.74	195.11
36	36.000	0.375	142.68	5L	STD	...	914	9.53	212.56
36	36.000	0.406	154.34	5L	...	...	914	10.31	229.76
36	36.000	0.438	166.35	5L	...	...	914	11.13	247.31
36	36.000	0.469	177.97	5L	...	...	914	11.91	264.94
36	36.000	0.500	189.57	5L	XS	20	914	12.70	282.27
36	36.000	0.562	212.70	5L	...	...	914	14.27	316.11
36	36.000	0.625	236.13	5L	...	30	914	15.88	351.70
36	36.000	0.688	259.47	5L	...	...	914	17.48	386.45
36	36.000	0.750	282.35	5L	...	40	914	19.05	420.42
36	36.000	0.812	305.16	5L	...	...	914	20.62	454.27

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
36	36.000	0.875	328.24	5L	...	...	914	22.23	488.86
36	36.000	0.938	351.25	5L	...	...	914	23.83	523.11
36	36.000	1.000	373.80	5L	...	...	914	25.40	556.59
36	36.000	1.062	396.27	5L	...	...	914	26.97	589.95
36	36.000	1.125	419.02	5L	...	...	914	28.58	624.03
36	36.000	1.188	441.69	5L	...	...	914	30.18	657.77
36	36.000	1.250	463.91	5L	...	...	914	31.75	690.76
38	38.000	0.312	125.58	5L	...	...	965	7.92	186.92
38	38.000	0.344	138.35	5L	...	...	965	8.74	206.10
38	38.000	0.375	150.69	5L	STD	...	965	9.53	224.54
38	38.000	0.406	163.01	5L	...	...	965	10.31	242.72
38	38.000	0.438	175.71	5L	...	...	965	11.13	261.80
38	38.000	0.469	187.99	5L	...	...	965	11.91	279.92
38	38.000	0.500	200.25	5L	XS	...	965	12.70	298.24
38	38.000	0.562	224.71	5L	...	...	965	14.27	334.56
38	38.000	0.625	249.48	5L	...	...	965	15.88	371.68
38	38.000	0.688	274.16	5L	...	...	965	17.48	408.43
38	38.000	0.750	298.37	5L	...	...	965	19.05	444.38
38	38.000	0.812	322.50	5L	...	...	965	20.62	480.21
38	38.000	0.875	346.93	5L	...	...	965	22.23	516.82
38	38.000	0.938	371.28	5L	...	...	965	23.83	553.08
38	38.000	1.000	395.16	5L	...	...	965	25.40	588.53
38	38.000	1.062	418.96	5L	...	...	965	26.97	623.87
38	38.000	1.125	443.05	5L	...	...	965	28.58	659.97
38	38.000	1.188	467.06	5L	...	...	965	30.18	695.73
38	38.000	1.250	490.61	5L	...	...	965	31.75	730.69
40	40.000	0.312	132.25	5L	...	...	1016	7.92	196.89
40	40.000	0.344	145.69	5L	...	...	1016	8.74	217.09
40	40.000	0.375	158.70	5L	STD	...	1016	9.53	236.53
40	40.000	0.406	171.68	5L	...	...	1016	10.31	255.69
40	40.000	0.438	185.06	5L	...	...	1016	11.13	275.80
40	40.000	0.469	198.01	5L	...	...	1016	11.91	294.90
40	40.000	0.500	210.93	5L	XS	...	1016	12.70	314.22
40	40.000	0.562	236.71	5L	...	...	1016	14.27	352.51
40	40.000	0.625	262.83	5L	...	...	1016	15.88	391.65
40	40.000	0.688	288.86	5L	...	...	1016	17.48	430.42
40	40.000	0.750	314.39	5L	...	...	1016	19.05	468.34
40	40.000	0.812	339.84	5L	...	...	1016	20.62	506.14
40	40.000	0.875	365.62	5L	...	...	1016	22.23	544.78
40	40.000	0.938	391.32	5L	...	...	1016	23.83	583.05
40	40.000	1.000	416.52	5L	...	...	1016	25.40	620.48
40	40.000	1.062	441.64	5L	...	...	1016	26.97	657.78
40	40.000	1.125	467.08	5L	...	...	1016	28.58	695.92
40	40.000	1.188	492.44	5L	...	...	1016	30.18	733.68
40	40.000	1.250	517.31	5L	...	...	1016	31.75	770.62

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
42	42.000	0.344	153.04	5L	...	...	1067	8.74	228.09
42	42.000	0.375	166.71	5L	...	...	1067	9.53	248.52
42	42.000	0.406	180.35	5L	...	...	1067	10.31	268.66
42	42.000	0.438	194.42	5L	...	...	1067	11.13	289.80
42	42.000	0.469	208.03	5L	...	...	1067	11.91	309.88
42	42.000	0.500	221.61	5L	...	...	1067	12.70	330.19
42	42.000	0.562	248.72	5L	...	...	1067	14.27	370.45
42	42.000	0.625	276.18	5L	...	...	1067	15.88	411.62
42	42.000	0.688	303.55	5L	...	...	1067	17.48	452.40
42	42.000	0.750	330.41	5L	STD	...	1067	19.05	492.30
42	42.000	0.812	357.19	5L	...	...	1067	20.62	532.07
42	42.000	0.875	384.31	5L	...	...	1067	22.23	572.73
42	42.000	0.938	411.35	5L	...	...	1067	23.83	613.02
42	42.000	1.000	437.88	5L	XS	...	1067	25.40	352.42
42	42.000	1.062	464.32	5L	...	...	1067	26.97	691.70
42	42.000	1.125	491.11	5L	...	...	1067	28.58	731.86
42	42.000	1.188	517.82	5L	...	...	1067	30.18	771.64
42	42.000	1.250	544.01	5L	...	...	1067	31.75	810.55
44	44.000	0.344	160.39	5L	...	...	1118	8.74	239.08
44	44.000	0.375	174.72	5L	...	...	1118	9.53	260.50
44	44.000	0.406	189.03	5L	...	...	1118	10.31	281.62
44	44.000	0.438	203.78	5L	...	...	1118	11.13	303.80
44	44.000	0.459	218.04	5L	...	...	1118	11.91	324.80
44	44.000	0.500	232.29	5L	...	...	1118	12.70	346.16
44	44.000	0.562	260.72	5L	...	...	1118	14.27	388.40
44	44.000	0.625	289.53	5L	...	...	1118	15.88	431.59
44	44.000	0.688	318.25	5L	STD	...	1118	17.48	474.37
44	44.000	0.750	346.43	5L	...	...	1118	19.05	516.26
44	44.000	0.812	374.53	5L	...	...	1118	20.62	558.00
44	44.000	0.875	403.00	5L	...	...	1118	22.23	600.69
44	44.000	0.938	431.39	5L	XS	...	1118	23.83	642.99
44	44.000	1.000	459.24	5L	...	...	1118	25.40	684.37
44	44.000	1.062	487.01	5L	...	...	1118	26.97	725.62
44	44.000	1.125	515.14	5L	...	...	1118	28.58	767.80
44	44.000	1.188	543.19	5L	...	...	1118	30.18	809.60
44	44.000	1.250	570.71	5L	...	...	1118	31.75	850.48
46	46.000	0.344	167.74	5L	...	...	1168	8.74	249.85
46	46.000	0.375	182.73	5L	...	...	1168	9.53	272.25
46	46.000	0.406	197.70	5L	...	...	1168	10.31	294.34
46	46.000	0.438	213.13	5L	...	...	1168	11.13	317.52
46	46.000	0.459	228.06	5L	...	...	1168	11.91	339.54
46	46.000	0.500	242.97	5L	...	...	1168	12.70	351.82
46	46.000	0.562	272.73	5L	...	...	1168	14.27	406.00
46	46.000	0.625	302.88	5L	...	...	1168	15.88	451.17

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
46	46.000	0.688	332.95	5L	...	...	1168	17.48	495.94
46	46.000	0.750	362.45	5L	...	...	1168	19.05	539.76
46	46.000	0.812	392.88	5L	...	...	1168	20.62	583.43
46	46.000	0.875	421.69	5L	...	...	1168	22.23	628.10
46	46.000	0.938	451.42	5L	...	...	1168	23.83	672.37
46	46.000	1.000	480.60	5L	...	...	1168	25.40	715.68
46	46.000	1.062	509.69	5L	...	...	1168	26.97	758.88
46	46.000	1.125	539.17	5L	...	...	1168	28.58	803.03
46	46.000	1.188	568.57	5L	...	...	1168	30.18	846.81
46	46.000	1.250	597.41	5L	...	...	1168	31.75	889.63
48	48.000	0.344	175.08	5L	...	...	1219	8.74	260.85
48	48.000	0.375	190.74	5L	STD	...	1219	9.53	284.24
48	48.000	0.406	206.37	5L	...	...	1219	10.31	307.30
48	48.000	0.438	222.49	5L	...	...	1219	11.13	331.52
48	48.000	0.469	238.08	5L	...	...	1219	11.91	354.52
48	48.000	0.500	253.65	5L	XS	...	1219	12.70	377.79
48	48.000	0.562	284.73	5L	...	...	1219	14.27	423.94
48	48.000	0.625	316.23	5L	...	...	1219	15.88	471.14
48	48.000	0.688	374.64	5L	...	...	1219	17.48	517.92
48	48.000	0.750	378.47	5L	...	...	1219	19.05	563.70
48	48.000	0.812	409.22	5L	...	...	1219	20.62	609.36
48	48.000	0.875	440.38	5L	...	...	1219	22.23	656.06
48	48.000	0.938	471.46	5L	...	...	1219	23.83	702.34
48	48.000	1.000	501.96	5L	...	...	1219	25.40	747.63
48	48.000	1.062	532.38	5L	...	...	1219	26.97	792.80
48	48.000	1.125	563.20	5L	...	...	1219	28.58	838.99
48	48.000	1.188	593.94	5L	...	...	1219	30.18	884.77
48	48.000	1.250	624.11	5L	...	...	1219	31.75	929.56
52	52.000	0.375	206.76	5L	...	...	1321	9.53	308.21
52	52.000	0.406	223.72	5L	...	...	1321	10.31	333.24
52	52.000	0.438	241.20	5L	...	...	1321	11.13	359.51
52	52.000	0.469	258.11	5L	...	...	1321	11.91	384.48
52	52.000	0.500	275.01	5L	...	...	1321	12.70	409.64
52	52.000	0.562	308.74	5L	...	...	1321	14.27	459.84
52	52.000	0.625	342.93	5L	...	...	1321	15.88	511.09
52	52.000	0.688	377.03	5L	...	...	1321	17.48	561.89
52	52.000	0.750	410.51	5L	...	...	1321	19.05	611.62
52	52.000	0.812	443.91	5L	...	...	1321	20.62	661.23
52	52.000	0.875	477.76	5L	...	...	1321	22.23	711.98
52	52.000	0.938	511.53	5L	...	...	1321	23.83	762.28
52	52.000	1.000	544.68	5L	...	...	1321	25.40	811.52
52	52.000	1.062	577.75	5L	...	...	1321	26.97	860.63
52	52.000	1.125	611.256	5L	...	...	1321	25.58	910.88
52	52.000	1.188	644.69	5L	...	...	1321	30.18	960.68
52	52.000	1.250	677.51	5L	...	...	1321	31.75	1009.42

Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
56	56.000	0.375	222.78	5L	...	...	1422	9.53	331.94
56	56.000	0.406	241.06	5L	...	...	1422	10.31	358.91
56	56.000	0.438	259.91	5L	...	...	1422	11.13	387.24
56	56.000	0.469	278.15	5L	...	...	1422	11.91	414.14
56	56.000	0.500	296.37	5L	...	...	1422	12.70	441.37
56	56.000	0.562	332.75	5L	...	...	1422	14.27	495.38
56	56.000	0.625	369.63	5L	...	...	1422	15.88	550.54
56	56.000	0.688	406.42	5L	...	...	1422	17.48	605.43
56	56.000	0.750	442.55	5L	...	...	1422	19.05	659.07
56	56.000	0.812	478.60	5L	...	...	1422	20.62	712.59
56	56.000	0.875	515.14	5L	...	...	1422	22.23	767.34
56	56.000	0.938	551.60	5L	...	...	1422	23.83	821.63
56	56.000	1.000	587.40	5L	...	...	1422	25.40	875.78
56	56.000	1.062	623.12	5L	...	...	1422	26.97	927.81
56	56.000	1.125	659.32	5L	...	...	1422	28.58	982.06
56	56.000	1.188	695.45	5L	...	...	1422	30.18	1035.85
56	56.000	1.250	730.91	5L	...	...	1422	31.75	1088.50
60	60.000	0.375	238.80	5L	...	...	1524	9.53	355.92
60	60.000	0.406	258.40	5L	...	...	1524	10.31	384.95
60	60.000	0.438	278.62	5L	...	...	1524	11.13	415.23
60	60.000	0.469	298.19	5L	...	...	1524	11.91	444.10
60	60.000	0.500	317.73	5L	...	...	1524	12.70	473.31
60	60.000	0.562	356.76	5L	...	...	1524	14.27	531.27
60	60.000	0.625	396.33	5L	...	...	1524	15.88	590.58
60	60.000	0.688	435.81	5L	...	...	1524	17.48	649.40
60	60.000	0.750	474.59	5L	...	...	1524	19.05	706.98
60	60.000	0.812	513.29	5L	...	...	1524	20.62	764.45
60	60.000	0.875	552.52	5L	...	...	1524	22.23	823.26
60	60.000	0.938	591.67	5L	...	...	1524	23.83	881.57
60	60.000	1.000	630.12	5L	...	...	1524	25.40	938.67
60	60.000	1.062	668.48	5L	...	...	1524	26.97	995.64
60	60.000	1.125	707.38	5L	...	...	1524	28.58	1053.95
60	60.000	1.188	746.20	5L	...	...	1524	30.18	1111.76
60	60.000	1.250	784.31	5L	...	...	1524	31.75	1168.36
64	64.000	0.375	254.82	5L	...	...	1626	9.53	379.89
64	64.000	0.406	275.75	5L	...	...	1626	10.31	410.78
64	64.000	0.438	297.33	5L	...	...	1626	11.13	443.23
64	64.000	0.469	318.22	5L	...	...	1626	11.91	474.06
64	64.000	0.500	339.09	5L	...	...	1626	12.70	505.26
64	64.000	0.562	380.76	5L	...	...	1626	14.27	567.16
64	64.000	0.625	423.03	5L	...	...	1626	15.88	630.52
64	64.000	0.688	465.21	5L	...	...	1626	17.48	693.36
64	64.000	0.750	506.63	5L	...	...	1626	19.05	754.90
64	64.000	0.812	547.98	5L	...	...	1626	20.62	816.32
64	64.000	0.875	589.90	5L	...	...	1626	22.23	879.17
64	64.000	0.938	631.74	5L	...	...	1626	23.83	941.51

Customary Units				Identification			SI Units		
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	Standard(STD) Extra-Strong (XS)			Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
				API Spec.	Extra-Strong (XXS)	Schedule No.			
64	64.000	1.000	672.84	5L	...	...	1626	25.40	1002.56
64	64.000	1.062	713.85	5L	...	...	1626	26.97	1063.48
64	64.000	1.125	755.44	5L	...	...	1626	28.58	1125.83
64	64.000	1.188	796.95	5L	...	...	1626	30.18	1187.67
64	64.000	1.250	837.71	5L	...	...	1626	31.75	1248.23
68	68.000	0.469	338.26	5L	...	...	1727	11.91	503.72
68	68.000	0.500	360.45	5L	...	...	1727	12.70	536.72
68	68.000	0.562	404.77	5L	...	...	1727	14.27	602.71
68	68.000	0.625	449.73	5L	...	...	1727	15.88	670.08
68	68.000	0.688	494.60	5L	...	...	1727	17.48	736.90
68	68.000	0.750	538.67	5L	...	...	1727	19.05	802.35
68	68.000	0.812	582.66	5L	...	...	1727	20.62	867.68
68	68.000	0.875	627.28	5L	...	...	1727	22.23	934.54
68	68.000	0.938	671.82	5L	...	...	1727	23.83	1000.86
68	68.000	1.000	715.56	5L	...	...	1727	25.40	1065.82
68	68.000	1.062	759.22	5L	...	...	1727	26.97	1130.66
68	68.000	1.125	803.50	5L	...	...	1727	28.58	1197.02
68	68.000	1.188	847.70	5L	...	...	1727	30.18	1262.84
68	68.000	1.250	891.11	5L	...	...	1727	31.75	1327.30
72	72.000	0.500	381.81	5L	...	...	1829	12.70	568.83
72	72.000	0.562	428.78	5L	...	...	1829	14.27	638.60
72	72.000	0.625	476.43	5L	...	...	1829	15.88	710.02
72	72.000	0.688	523.99	5L	...	...	1829	17.48	780.87
72	72.000	0.750	570.71	5L	...	...	1829	19.05	850.29
72	72.000	0.812	617.35	5L	...	...	1829	20.62	919.54
72	72.000	0.875	664.66	5L	...	...	1829	22.23	990.46
72	72.000	0.938	711.89	5L	...	...	1829	23.83	1060.80
72	72.000	1.000	758.28	5L	...	...	1829	25.40	1129.71
72	72.000	1.062	804.59	5L	...	...	1829	26.97	1198.49
72	72.000	1.125	851.56	5L	...	...	1829	28.58	1268.91
72	72.000	1.188	898.45	5L	...	...	1829	30.18	1338.75
72	72.000	1.250	944.51	5L	...	...	1829	31.75	1407.17
76	76.000	0.500	403.17	5L	...	...	1930	12.70	600.46
76	76.000	0.562	452.79	5L	...	...	1930	14.27	674.14
76	76.000	0.625	503.13	5L	...	...	1930	15.88	749.57
76	76.000	0.688	553.38	5L	...	...	1930	17.48	824.40
76	76.000	0.750	602.75	5L	...	...	1930	19.05	897.71
76	76.000	0.812	652.04	5L	...	...	1930	20.62	970.90
76	76.000	0.875	702.04	5L	...	...	1930	22.23	1045.82
76	76.000	0.938	751.96	5L	...	...	1930	23.83	1120.16
76	76.000	1.000	801.00	5L	...	...	1930	25.40	1192.97
76	76.000	1.062	849.96	5L	...	...	1930	26.97	1265.67
76	76.000	1.125	899.62	5L	...	...	1930	28.58	1340.09
76	76.000	1.185	949.20	5L	...	...	1930	30.18	1413.92
76	76.000	1.250	997.91	5L	...	...	1930	31.75	1486.24



Customary Units				Identification			SI Units		
				Standard(STD) Extra-Strong (XS)					
Inch Nominal Size	Outside Diameter, in.	Wall Thickness, in.	Plain End Weight, lb/ft	API Spec.	Extra-Strong (XXS)	Schedule No.	Outside Diameter, mm	Wall Thickness, mm	Plain End Mass, kg/m
80	80.000	0.562	476.80	5L	...	...	2032	14.72	710.04
80	80.000	0.625	529.83	5L	...	...	2032	15.88	789.51
80	80.000	0.688	582.77	5L	...	...	2032	17.48	868.37
80	80.000	0.750	634.79	5L	...	...	2032	19.05	945.63
80	80.000	0.812	686.73	5L	...	...	2032	20.62	1022.76
80	80.000	0.875	739.42	5L	...	...	2032	22.23	1101.74
80	80.000	0.938	792.03	5L	...	...	2032	23.83	1180.10
80	80.000	1.000	843.72	5L	...	...	2032	25.40	1256.86
80	80.000	1.062	895.33	5L	...	...	2032	26.97	1333.50
80	80.000	1.125	947.68	5L	...	...	2032	28.58	1411.97
80	80.000	1.188	999.95	5L	...	...	2032	30.18	1489.83
80	80.000	1.250	1051.31	5L	...	...	2032	31.75	1566.11