

PIPE DIMENSIONS AND WEIGHTS

U.S./METRIC

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEGHT	ID	
		ASME			INCH	MM		KG/M	INCH
1/8 6	0.405 10.3	10		10S	0.049	1.24	0.28	0.307	7.82
		STD	40	40S	0.068	1.73	0.37	0.269	6.84
		XS	80	80S	0.095	2.41	0.47	0.215	5.84
1/4 8	0.540 13.7	10		10S	0.065	1.65	0.49	0.410	10.40
		STD	40	40S	0.088	2.24	0.63	0.364	9.22
		XS	80	80S	0.119	3.02	0.80	0.302	7.66
3/8 10	0.675 17.1	10		10S	0.065	1.65	0.63	0.545	13.80
		STD	40	40S	0.091	2.31	0.84	0.493	12.48
		XS	80	80S	0.126	3.20	1.10	0.423	10.70
1/2 15	0.840 21.3	5		5S	0.065	1.65	0.80	0.710	18.00
		10		10S	0.083	2.11	1.00	0.674	17.08
		STD	40	40S	0.109	2.77	1.27	0.622	15.76
		XS	80	80S	0.147	3.73	1.62	0.546	13.84
		160 XX			0.188	4.78	1.95	0.464	11.74
3/4 20	1.050 26.7	5		5S	0.065	1.65	1.03	0.920	23.40
		10		10S	0.083	2.11	1.28	0.884	22.48
		STD	40	40S	0.113	2.87	1.69	0.824	20.96
		XS	80	80S	0.154	3.91	2.20	0.742	18.88
		160 XX			0.219	5.56	2.90	0.612	15.58
1 25	1.315 33.4	5		5S	0.065	1.65	1.29	1.185	30.10
		10		10S	0.109	2.77	2.09	1.097	27.86
		STD	40	40S	0.133	3.38	2.50	1.049	26.64
		XS	80	80S	0.179	4.55	3.24	0.957	24.30
		160 XX			0.250	6.35	4.24	0.815	20.70
1-1/4 32	1.660 42.2	5		5S	0.065	1.65	1.65	1.530	38.90
		10		10S	0.109	2.77	2.69	1.442	36.66
		STD	40	40S	0.140	3.56	3.39	1.380	35.08
		XS	80	80S	0.191	4.85	4.47	1.278	32.50
		160 XX			0.250	6.35	5.61	1.160	29.50
1-1/2 40	1.900 48.3	5		5S	0.065	1.65	1.90	1.770	45.00
		10		10S	0.109	2.77	3.11	1.682	42.76
		STD	40	40S	0.145	3.68	4.05	1.610	40.94
		XS	80	80S	0.200	5.08	5.41	1.500	38.14
		160 XX			0.281	7.14	7.25	1.338	34.02
2 50	2.375 60.3	5		5S	0.065	1.65	2.39	2.245	57.00
		10		10S	0.109	2.77	3.93	2.157	54.76
		STD	40	40S	0.154	3.91	5.44	2.067	52.48
		XS	80	80S	0.218	5.54	7.48	1.939	49.22
		160 XX			0.344	8.74	11.11	1.687	42.82
2-1/2 65	2.875 73.0	5		5S	0.083	2.11	3.69	2.709	68.78
		10		10S	0.120	3.05	5.26	2.635	66.90
		STD	40	40S	0.203	5.16	8.63	2.469	62.68
		XS	80	80S	0.276	7.01	11.41	2.323	58.98
		160 XX			0.375	9.53	14.92	2.125	53.94
3 80	3.500 88.9	5		5S	0.083	2.11	4.52	3.334	84.68
		10		10S	0.120	3.05	6.46	3.260	82.80
		STD	40	40S	0.226	5.49	11.29	3.068	77.92
		XS	80	80S	0.300	7.62	15.27	2.900	73.66
		160 XX			0.438	11.13	21.35	2.624	66.64
3-1/2 90	4.000 101.6	5		5S	0.083	2.11	5.18	3.834	97.38
		10		10S	0.120	3.05	7.41	3.760	95.50
		STD	40	40S	0.226	5.74	13.57	3.548	90.12
		XS	80	80S	0.318	8.08	18.64	3.364	85.44
		160 XX			0.636	16.15	34.03	2.728	69.30
4 100	4.500 114.3	5		5S	0.083	2.11	5.84	4.334	110.08
		10		10S	0.120	3.05	8.37	4.260	108.20
					0.156	3.96	10.78	4.188	106.38
					0.188	4.78	12.91	4.124	104.74
		STD	40	40S	0.237	6.02	16.08	4.026	102.26
		XS	80	80S	0.337	8.56	22.32	3.826	97.18
		120			0.438	11.13	28.32	3.624	92.04
		160			0.531	13.49	33.54	3.438	87.32
		XX			0.674	17.12	41.03	3.152	80.06
		4-1/2 115	5.000 127.0	STD	40	40S	0.247	6.27	18.67
XS	80			80S	0.335	9.02	26.24	4.290	108.96
XX					0.710	18.03	48.45	3.580	90.94

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEGHT	ID	
		ASME			INCH	MM		KG/M	INCH
5 125	5.563 141.3	5		5S	0.109	2.77	9.46	5.345	135.76
		10		10S	0.134	3.40	11.56	5.295	134.50
		STD	40	40S	0.258	6.55	21.77	5.047	128.20
		XS	80	80S	0.375	9.53	30.97	4.813	122.24
		120			0.500	12.70	40.28	4.563	115.90
6 150	6.625 168.3	5		5S	0.109	2.77	11.31	6.407	162.76
		10		10S	0.134	3.40	13.83	6.357	161.50
		STD	40	40S	0.188	4.78	19.28	6.249	158.74
		XS	80	80S	0.280	7.11	28.26	6.065	154.08
		120			0.432	10.97	42.56	5.761	146.36
7 175	7.625 193.7	5		5S	0.109	2.77	11.31	6.407	162.76
		10		10S	0.134	3.40	13.83	6.357	161.50
		STD	40	40S	0.280	7.11	28.26	6.065	154.08
		XS	80	80S	0.432	10.97	42.56	5.761	146.36
		120			0.562	14.27	54.21	5.501	139.76
8 200	8.625 219.1	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		20			0.250	6.35	33.32	8.125	206.40
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
9 225	9.625 244.5	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
		60			0.406	10.31	53.09	7.813	198.48
10 250	10.750 273.0	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
		60			0.406	10.31	53.09	7.813	198.48
11 275	11.750 298.5	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
		60			0.406	10.31	53.09	7.813	198.48
12 300	12.750 323.8	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
		60			0.406	10.31	53.09	7.813	198.48
14 350	14.000 355.6	5		5S	0.109	2.77	14.78	8.407	213.56
		10		10S	0.148	3.76	19.97	8.329	211.58
		30			0.277	7.04	36.82	8.071	205.02
		STD	40	40S	0.322	8.18	42.55	7.981	202.74
		40			0.406	10.31	53.09	7.813	198.48

PTFP CO.

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PIPE DIMENSIONS AND WEIGHTS

U.S./METRIC

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEGHT	ID		
		ASME			INCH	MM		INCH	MM	
16 400	16.000 406.4	10	10S	0.188	4.78	47.34	15.624	396.84		
				0.250	6.35	62.65	15.500	393.70		
				0.312	7.92	77.83	15.376	390.56		
		STD	30	40S	0.375	9.53	93.27	15.250	387.34	
					0.500	12.70	123.31	15.000	381.00	
					0.656	16.66	160.13	14.688	373.08	
		XS	40	80S	0.844	21.44	203.54	14.312	363.52	
					1.031	26.19	245.57	13.562	354.02	
					1.219	30.96	286.66	13.124	333.34	
		60	80	100	1.438	36.53	333.21	12.812	325.42	
					1.594	40.49	365.38			
		18 450	18.000 457	10	10S	0.188	4.78	53.31	17.624	447.44
						0.250	6.35	70.57	17.500	444.30
0.312	7.92					87.71	17.376	441.16		
STD	40			40S	0.375	9.53	105.17	17.250	437.94	
					0.438	11.13	122.38	17.124	434.74	
					0.500	12.70	139.16	17.000	431.60	
XS	80			80S	0.562	14.27	155.81	16.876	428.46	
					0.750	19.05	205.75	16.500	418.90	
					0.938	23.83	254.57	16.124	409.34	
60	80			100	1.156	29.36	309.64	15.688	398.28	
					1.375	34.93	363.58	15.250	387.14	
					1.562	39.67	408.28	14.876	377.66	
120	140			160	1.781	45.24	459.39	14.438	366.52	
20 500	20.000 508	10	10S	0.218	5.54	68.61	19.564	496.92		
				0.250	6.35	78.56	19.500	459.30		
				0.375	9.53	117.15	19.250	488.94		
		STD	20	40S	0.500	12.70	155.13	19.000	482.60	
					0.594	15.09	183.43	18.812	477.82	
					0.812	20.62	274.84	18.376	466.76	
		XS	30	80S	1.031	26.19	311.19	17.938	455.62	
					1.281	32.54	381.55	17.438	442.92	
					1.500	38.10	441.52	17.000	431.80	
		60	80	100	1.750	44.45	508.15	16.500	419.10	
					1.969	50.01	564.85	16.062	407.98	
		22 550	22.000 559	10	10S	0.218	5.54	75.55	21.564	547.92
						0.250	6.35	86.55	21.500	546.30
0.375	9.53					129.14	21.250	539.94		
STD	20			40S	0.500	12.70	171.10	21.000	533.60	
					0.875	22.23	294.27	20.250	514.54	
					1.125	28.58	373.85	19.750	501.84	
XS	30			80S	1.375	34.93	451.45	19.250	489.14	
					1.625	41.28	527.05	18.750	476.44	
					1.875	47.63	600.67	18.250	463.74	
60	80			100	2.125	53.98	672.30	17.750	451.04	

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEGHT	ID		
		ASME			INCH	MM		INCH	MM	
24 600	24.000 610	10	10S	0.250	6.35	94.53	23.500	597.30		
				0.375	9.53	141.12	23.250	590.94		
				0.500	12.70	187.07	23.000	584.60		
		STD	20	40S	0.562	14.27	209.65	22.876	581.46	
					0.688	17.48	255.43	22.624	575.04	
					0.969	24.61	355.28	22.062	560.78	
		XS	40	80S	1.219	30.96	442.11	21.562	548.08	
					1.531	38.89	547.74	20.938	532.22	
					1.812	46.02	640.07	20.376	517.96	
		60	80	100	2.062	52.37	720.19	19.876	505.26	
					2.344	59.54	808.27	19.312	490.92	
		26 650	26.000 660	10	40S	0.312	7.92	127.36	25.376	644.16
						0.375	9.53	152.88	25.250	640.94
0.500	12.70					202.74	25.000	634.60		
STD	20			80S	0.312	7.92	137.32	27.376	695.16	
					0.375	9.53	164.86	27.250	691.94	
					0.500	12.70	218.71	27.000	685.60	
XS	30	80S	0.625	15.88	272.23	26.750	679.24			
28 700	28.000 711	10	40S	0.312	7.92	137.32	27.376	695.16		
				0.375	9.53	164.86	27.250	691.94		
				0.500	12.70	218.71	27.000	685.60		
		STD	20	80S	0.625	15.88	272.23	26.750	679.24	
30 750	30.000 762	10	40S	0.312	7.92	147.29	29.376	746.16		
				0.375	9.53	176.85	29.250	742.94		
				0.500	12.70	234.68	29.000	736.60		
		STD	20	80S	0.625	15.88	292.20	28.750	730.24	
32 800	32.000 813	10	40S	0.312	7.92	157.25	31.376	797.16		
				0.375	9.53	188.83	31.250	793.94		
				0.500	12.70	250.65	31.000	787.60		
		STD	20	80S	0.625	15.88	312.17	30.750	781.24	
					0.688	17.48	342.94	30.624	778.04	
34 850	34.000 864	10	40S	0.312	7.92	167.21	33.376	848.16		
				0.375	9.53	200.82	33.250	844.94		
				0.500	12.70	266.63	33.000	838.60		
		STD	20	80S	0.625	15.88	332.14	32.750	832.24	
					0.688	17.48	364.92	32.624	829.04	
36 900	36.000 914	10	40S	0.312	7.92	176.97	35.376	898.16		
				0.375	9.53	212.57	35.250	894.94		
				0.500	12.70	282.29	35.000	888.60		
		STD	20	80S	0.625	15.88	352.14	34.750	882.24	
					0.688	17.48	364.92	32.624	829.04	
42 1050	42.000 1067	10	40S	0.375	9.53	248.53	41.250	1047.94		
				0.500	12.70	330.21	41.000	1041.60		
				0.625	15.88	411.64	40.750	1035.24		
		STD	20	80S	0.750	19.05	492.33	40.500	1028.90	
48 1200	48.000 1219	10	40S	0.375	9.53	284.25	47.250	1199.94		
				0.500	12.70	377.81	47.000	1193.60		

PIPING • TUBING • FITTINGS FLANGES • RELATED PRODUCTS	
Type	Seamless & Welded
Commodity	Chrome • Stainless • Carbon • Low Temperature
Specifications & Grades	A/SA335 • A/SA312 • A/SA213 • A/SA106 • A/SA53/API5L • A/SA333
Sizes (OD)	1/8" (3.175 mm) - 60" (1524 mm) (Larger ODs)
Grades	Chrome: P1 • P5 • P9 • P11 • P22 • P91 Stainless: 304 • 304H • 304L • 316 • 316H • 316L • 316LN • 321 • 321H • 347 • 347H • 310 • 310S • 309 • Alloy 20 Low Temp: Grade 1/6 • Grade 3 Carbon: Grade B • Grade C • Galvanized

SPECIALTY ALLOYS	
Type	Seamless & Welded
Commodity	Nickel • Duplex & Titanium
Specifications & Grades	Alloy 800 • Alloy 825 • Alloy 600 • Alloy 625 • Alloy 400 • 6% Moly Grades • Duplex A790 UNS 31803 • 316LN
Sizes (OD)	1/8" (3.175 mm) - 8" (203.2 mm)
Wall Thickness	0.035" (.889 mm) - 0.875" (22.3 mm)

Note: Actual dimensions can vary from the figures based on specifications/manufacturing tolerances.
 The Data for weight is based on the following calculation for wrought steel pipe:
 KG/Meter = [outside diameter (mm)-Wall Thickness (mm)] x [Wall Thickness (mm)] x (0.0246615)