

## PIPE DIMENSIONS AND WEIGHT

**U.S. / METRIC**

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEIGHT		ID	
					INCH	MM	LBS/FOOT	KG/METER	INCH	MM
INCH (MM)	INCH (MM)	ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM
1/8 6	0.405 10.3	10		10S	0.049	1.24	0.19	0.28	0.307	7.82
		STD	40	40S	0.068	1.73	0.24	0.37	0.269	6.84
		XS	80	80S	0.095	2.41	0.31	0.47	0.215	5.84
1/4 8	0.540 13.7	10		10S	0.065	1.65	0.33	0.49	0.410	10.40
		STD	40	40S	0.088	2.24	0.43	0.63	0.364	9.22
		XS	80	80S	0.119	3.02	0.54	0.80	0.302	7.66
3/8 10	0.675 17.1	10		10S	0.065	1.65	0.42	0.63	0.545	13.80
		STD	40	40S	0.091	2.31	0.57	0.84	0.493	12.48
		XS	80	80S	0.126	3.20	0.74	1.10	0.423	10.70
1/2 15	0.840 21.3	5		5S	0.065	1.65	0.54	0.80	0.710	18.00
		10		10S	0.083	2.11	0.67	1.00	0.674	17.08
		STD	40	40S	0.109	2.77	0.85	1.27	0.622	15.76
		XS	80	80S	0.147	3.73	1.09	1.62	0.546	13.84
		160			0.188	4.78	1.31	1.95	0.464	11.74
		XX			0.294	7.47	1.72	2.55	0.252	6.36
3/4 20	1.050 26.7	5		5S	0.065	1.65	0.69	1.03	0.920	23.40
		10		10S	0.083	2.11	0.86	1.28	0.884	22.48
		STD	40	40S	0.113	2.87	1.13	1.69	0.821	20.96
		XS	80	80S	0.154	3.91	1.48	2.20	0.742	18.88
		160			0.219	5.56	1.95	2.90	0.612	15.58
		XX			0.308	7.82	2.44	3.64	0.434	11.06
1 25	1.315 33.4	5		5S	0.065	1.65	0.87	1.29	1.185	30.10
		10		10S	0.109	2.77	1.41	2.09	1.097	27.86
		STD	40	40S	0.133	3.38	1.68	2.50	1.049	26.64
		XS	80	80S	0.179	4.55	2.17	3.24	0.957	24.30
		160			0.250	6.35	2.85	4.24	0.815	20.70
		XX			0.358	9.09	3.66	5.45	0.599	15.22
1-1/4 32	1.660 42.2	5		5S	0.065	1.65	1.11	1.65	1.530	38.90
		10		10S	0.109	2.77	1.81	2.69	1.442	36.66
		STD	40	40S	0.140	3.56	2.27	3.39	1.380	35.08
		XS	80	80S	0.191	4.85	3.00	4.47	1.278	32.50
		160			0.250	6.35	3.77	5.61	1.160	29.50
		XX			0.382	9.70	5.22	7.77	0.896	22.80
1-1/2 40	1.900 48.3	5		5S	0.065	1.65	1.28	1.90	1.770	45.00
		10		10S	0.109	2.77	2.09	3.11	1.682	42.76
		STD	40	40S	0.145	3.68	2.72	4.05	1.610	40.94
		XS	80	80S	0.200	5.08	3.63	5.41	1.500	38.14
		160			0.281	7.14	4.86	7.25	1.338	34.02
		XX			0.400	10.15	6.41	9.55	1.100	28.00
2 50	2.375 60.3	5		5S	0.065	1.65	1.61	2.39	2.245	57.00
		10		10S	0.109	2.77	2.64	3.93	2.157	54.76
		STD	40	40S	0.154	3.91	3.66	5.44	2.067	52.48
		XS	80	80S	0.218	5.54	5.03	7.48	1.939	49.22
		160			0.344	8.74	7.47	11.11	1.687	42.82
		XX			0.436	11.07	9.04	13.44	1.503	38.16
2-1/2 65	2.875 73	5		5S	0.083	2.11	2.48	3.69	2.709	68.78
		10		10S	0.120	3.05	3.53	5.26	2.635	66.90
		STD	40	40S	0.203	5.16	5.80	8.63	2.469	62.68
		XS	80	80S	0.276	7.01	7.67	11.41	2.323	58.98
		160			0.375	9.53	10.02	14.92	2.125	53.94
		XX			0.552	14.02	13.71	20.39	1.771	44.96
3 80	3.500 88.9	5		5S	0.083	2.11	3.03	4.52	3.334	84.68
		10		10S	0.120	3.05	4.34	6.46	3.260	82.80
		STD	40	40S	0.216	5.49	7.58	11.29	3.068	77.92
		XS	80	80S	0.300	7.62	10.26	15.27	2.900	73.66
		160			0.438	11.13	14.34	21.35	2.624	66.64
		XX			0.600	15.24	18.60	27.68	2.300	58.42
3-1/2 90	4.000 101.6	5		5S	0.083	2.11	3.48	5.18	3.834	97.38
		10		10S	0.120	3.05	4.98	7.41	3.760	95.50
		STD	40	40S	0.226	5.74	9.12	13.57	3.548	90.12
		XS	80	80S	0.318	8.08	12.52	18.64	3.364	85.44
		160			0.636	16.15	22.87	34.03	2.728	69.30
		XX								
4 100	4.500 114.3	5		5S	0.083	2.11	3.92	5.84	4.334	110.08
		10		10S	0.120	3.05	5.62	8.37	4.260	108.20
		STD			0.156	3.96	7.24	10.78	4.188	106.38
		XS			0.188	4.78	8.67	12.91	4.124	104.74
		120			0.237	6.02	10.80	16.08	4.026	102.26
		160			0.337	8.56	15.00	22.32	3.826	97.18
		XX			0.438	11.13	19.02	28.32	3.624	92.04
					0.531	13.49	22.53	33.54	3.438	87.32
					0.674	17.12	27.57	41.03	3.152	80.06
					0.247	6.27	12.55	18.67	4.506	114.46
4-1/2 115	5 127	STD	40	40S	0.247	6.27	12.55	18.67	4.506	114.46
		XS	80	80S	0.355	9.02	17.63	26.24	4.290	108.96
		XX			0.710	18.03	32.56	48.45	3.580	90.94

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEIGHT		ID	
					INCH	MM	LBS/FOOT	KG/METER	INCH	MM
INCH (MM)	INCH (MM)	ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM
5 125	5.563 141.3	5		5S	0.109	2.77	6.36	9.46	5.345	135.76
		10		10S	0.134	3.40	7.78	11.56	5.295	134.50
		STD	40	40S	0.258	6.55	14.63	21.77	5.047	128.20
		XS	80	80S	0.375	9.53	20.80	30.97	4.813	122.24
		120			0.500	12.70	27.06	40.28	4.563	115.90
6 150	6.625 168.3	160			0.625	15.88	32.99	49.12	4.313	109.54
		XX			0.750	19.05	38.59	57.43	4.063	103.20
		5		5S	0.109	2.77	7.59	11.31	6.407	162.76
		10		10S	0.134	3.40	9.30	13.83	6.357	161.50
		STD	40	40S	0.188	4.78	12.94	19.28	6.249	158.74
7 175	7.625 193.7	XS	80	80S	0.280	7.11	18.99	28.26	6.065	154.08
		120			0.432	10.97	28.60	42.56	5.761	146.36
		160			0.562	14.27	36.43	54.21	5.501	139.76
		XX			0.719	18.26	45.39	67.57	5.187	131.78
					0.864	21.95	53.21	79.22	4.897	124.40
8 200	8.625 219.1	STD	40	40S	0.301	7.65	23.57	35.10	7.023	178.40
		XS	80	80S	0.500	12.70	38.08	56.69	6.625	168.30
		XX			0.875	22.23	63.14	94.00	5.875	149.24
		10		10S	0.109	2.77	9.92	14.78	8.407	213.56
		20			0.148	3.76	13.41	19.97	8.329	211.58
9 225	9.625 244.5	30			0.250	6.35	22.38	33.32	8.125	206.40
		STD	40	40S	0.277	7.04	24.72	36.82	8.071	205.02
		60			0.322	8.18	28.58	42.55	7.981	202.74
		XS	80	80S	0.406	10.31	35.67	53.09	7.813	198.48
		100			0.500	12.70	43.43	64.64	7.625	193.70
		120			0.594	15.09	51.00	75.92	7.437	188.92
		160			0.719	18.26	60.77	90.44	7.187	182.58
		XX			0.812	20.62	67.82	100.93	7.001	177.86
					0.875	22.23	72.49	107.93	6.875	174.64
					0.906	23.01	74.76	111.27	6.813	173.08
10 250	10.750 273	STD	40	40S	0.342	8.69	33.94	50.54	8.941	227.12
		XS	80	80S	0.500	12.70	48.77	72.60	8.625	219.10
		XX			0.875	22.23	81.85	121.85	7.875	200.04
		5		5S	0.134	3.4	15.21	22.61	10.48	266.2
		10		10S	0.165	4.19	18.67	27.78	10.42	264.6
		20			0.188	4.78	21.23	31.62	10.37	263.4
		30			0.25	6.35	28.06	41.76	10.25	260.3
		STD	40	40S	0.307	7.8	34.27	51.01	10.14	257.4
		XS	60	80S	0.365	9.27	40.52	60.29	10.02	254.5
		100			0.5	12.7	54.79	81.53	9.75	247.6
11 275	11.750 298.5	80			0.594	15.09	64.49	95.98	9.562	

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U.S. / METRIC

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEIGHT		ID					
					INCH	MM	LBS/FOOT	KG/METER	INCH	MM				
INCH (MM)	INCH (MM)	ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM				
16 400	16 406.04	10	30	10S	0.188	4.78	31.78	47.34	15.624	396.84				
				40S	0.25	6.35	42.09	62.65	15.5	393.7				
		STD XS	40	80S	0.312	7.92	52.32	77.83	15.376	390.56				
				0.375	9.53	62.64	93.27	15.25	387.34					
				0.5	12.7	82.85	123.31	15	381					
				0.656	16.66	107.6	160.13	14.688	373.08					
				0.844	21.44	136.74	203.54	14.312	363.52					
				1.031	26.19	164.98	245.57	13.938	354					
				1.219	30.96	192.61	286.66	13.562	344.48					
				1.438	36.53	223.85	333.21	13.124	333.34					
				1.594	40.49	245.48	365.38	12.812	325.42					
				18 450	18 457	10	30	10S	0.188	4.78	35.8	53.31	17.624	447.44
								40S	0.25	6.35	47.44	70.57	17.5	444.3
						STD XS	40	80S	0.312	7.92	58.99	87.71	17.376	441.16
								0.375	9.53	70.65	105.17	17.25	437.94	
								0.438	11.13	82.23	122.38	17.124	434.74	
0.5	12.7	93.54	139.16					17	431.6					
0.562	14.27	104.76	155.81					16.876	428.46					
0.75	19.05	138.3	205.75					16.5	418.9					
0.938	23.83	171.08	254.57					16.124	409.34					
1.156	29.36	208.15	309.64					15.688	398.28					
1.375	34.93	244.37	363.58					15.25	387.14					
1.562	39.67	274.48	408.28					14.876	377.66					
1.781	45.24	308.79	459.39					14.438	366.52					
20 500	20 508	10	20					10S	0.218	5.54	46.1	68.61	19.564	496.9
								40S	0.25	6.35	52.78	78.56	19.5	495.3
		STD XS	30					80S	0.375	9.53	78.67	117.15	19.25	488.94
				0.5	12.7	104.23	155.13	19	482.6					
				0.594	15.09	123.23	183.43	18.812	477.82					
				0.812	20.62	166.56	247.84	18.376	466.76					
				1.031	26.19	209.06	311.19	17.938	455.62					
				1.281	32.54	256.34	381.55	17.438	442.92					
				1.5	38.1	296.65	441.52	17	431.8					
				1.75	44.45	341.41	508.15	16.5	419.1					
				1.969	50.01	379.53	564.85	16.062	407.98					
				22 550	22 559	10	10	10S	0.218	5.54	50.76	75.55	21.564	547.92
								40S	0.25	6.35	58.13	86.55	21.5	546.3
						STD XS	30	80S	0.375	9.53	86.69	129.14	21.25	539.94
								0.5	12.7	114.92	171.1	21	533.6	
								0.875	22.23	197.6	294.27	20.25	514.54	
1.125	28.58	251.05	373.85					19.75	501.84					
1.375	34.93	303.16	451.45					19.25	489.14					
1.625	41.28	353.94	527.05					18.75	476.44					
1.875	47.63	403.38	600.67					18.25	463.74					
2.125	53.98	451.49	672.3					17.75	451.04					

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					INCH	MM	LBS/FOOT	KG/METER	INCH	MM			
INCH (MM)	INCH (MM)	ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM			
24 600	24 610	10	20	10S	0.250	6.35	63.47	94.53	23.500	597.30			
				40S	0.375	9.53	94.71	141.12	23.250	590.94			
		STD XS	30	80S	0.500	12.70	125.61	187.07	23.000	584.60			
				0.562	14.27	140.81	209.65	22.876	581.46				
				0.688	17.48	171.45	255.43	22.624	575.04				
				0.969	24.61	238.57	355.28	22.062	560.78				
				1.219	30.96	296.86	442.11	21.562	548.08				
				1.531	38.89	367.74	547.74	20.938	532.22				
				1.812	46.02	429.79	640.07	20.376	517.96				
				2.062	52.37	483.57	720.19	19.876	505.26				
				2.344	59.54	542.64	808.27	19.312	490.92				
				26 650	26 660	10	40S	0.312	7.92	85.68	127.36	25.376	644.16
								0.375	9.53	102.72	152.88	25.250	640.94
						STD XS	80S	0.500	12.70	136.30	202.74	25.000	634.60
								0.562	14.27	140.81	209.65	22.876	581.46
				28 700	28 711	10	40S	0.312	7.92	92.35	137.32	27.376	695.16
0.375	9.53	110.74	164.86					27.250	691.94				
STD XS	80S	0.500	12.70			146.99	218.71	27.000	685.60				
		0.625	15.88			182.90	272.23	26.750	679.24				
30 750	30 762	10	40S	0.312	7.92	99.02	147.29	29.376	746.16				
				0.375	9.53	118.76	176.85	29.250	742.94				
		STD XS	80S	0.500	12.70	157.68	234.68	29.000	736.60				
				0.625	15.88	196.26	292.2	28.750	730.24				
32 800	32 813	10	40S	0.312	7.92	105.69	157.25	31.376	797.16				
				0.375	9.53	126.78	188.83	31.250	793.94				
		STD XS	80S	0.500	12.70	168.37	250.65	31.000	787.60				
				0.625	15.88	209.62	312.17	30.750	781.24				
34 850	34 864	10	40S	0.688	17.48	230.29	342.94	30.624	778.04				
				0.312	7.92	112.36	167.21	33.376	848.16				
		STD XS	80S	0.375	9.53	134.79	200.82	33.250	844.94				
				0.500	12.70	179.06	266.63	33.000	838.60				
36 900	36 914	10	40S	0.625	15.88	222.99	332.14	32.750	832.24				
				0.688	17.48	245.00	364.92	32.624	829.04				
		STD XS	80S	0.312	7.92	119.03	176.97	35.376	898.16				
				0.375	9.53	142.81	212.57	35.250	894.94				
42 1050	42 1067	10	40S	0.500	12.70	189.75	282.29	35.000	888.60				
				0.375	9.53	166.86	248.53	41.250	1047.94				
		STD XS	80S	0.500	12.70	221.82	330.21	41.000	1041.60				
				0.625	15.88	276.44	411.64	40.750	1035.24				
48 1200	48 1219	STD	XS	0.750	19.05	330.72	492.33	40.500	1028.90				
				0.375	9.53	190.92	284.25	47.250	1199.94				
				0.500	12.70	253.89	377.81	47.000	1193.60				

Reference: ASME B36.10 (Carbon Steel Pipes) & ASME B36.19 (Stainless Steel Pipes)