

PIPE DIMENSIONS AND WEIGHTS



Available in commercial and nuclear 

U.S./METRIC

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEIGHT		ID	
		ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM
1/8	0.405	10	40	10S	0.049	1.24	0.19	0.28	0.307	7.82
6	10.3	STD	80	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	0.540	10	40	10S	0.065	1.65	0.33	0.49	0.410	10.40
8	13.7	STD	80	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	0.675	10	40	10S	0.065	1.65	0.42	0.63	0.545	13.80
10	17.1	STD	80	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	0.840	5	5S	5S	0.065	1.65	0.54	0.80	0.710	18.00
15	21.3	10	40	10S	0.083	2.11	0.67	1.00	0.674	17.08
		STD	80	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	1.050	5	5S	5S	0.065	1.65	0.69	1.03	0.920	23.40
20	26.7	10	40	10S	0.083	2.11	0.86	1.28	0.884	22.48
		STD	80	40S	0.113	2.87	1.13	1.69	0.824	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	1.315	5	5S	5S	0.065	1.65	0.87	1.29	1.185	30.10
25	33.4	10	40	10S	0.109	2.77	1.41	2.09	1.097	27.86
		STD	80	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	1.660	5	5S	5S	0.065	1.65	1.11	1.65	1.530	38.90
32	42.2	10	40	10S	0.109	2.77	1.81	2.69	1.442	36.66
		STD	80	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	1.900	5	5S	5S	0.065	1.65	1.28	1.90	1.770	45.00
40	48.3	10	40	10S	0.109	2.77	2.09	3.11	1.682	42.76
		STD	80	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	2.375	5	5S	5S	0.065	1.65	1.61	2.39	2.245	57.00
50	60.3	10	40	10S	0.109	2.77	2.64	3.93	2.157	54.76
		STD	80	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	2.875	5	5S	5S	0.083	2.11	2.48	3.69	2.709	68.78
65	73.0	10	40	10S	0.120	3.05	3.53	5.26	2.635	66.90
		STD	80	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	3.500	5	5S	5S	0.083	2.11	3.03	4.52	3.334	84.68
80	88.9	10	40	10S	0.120	3.05	4.34	6.46	3.260	82.80
		STD	80	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	4.000	5	5S	5S	0.083	2.11	3.48	5.18	3.834	97.38
90	101.6	10	40	10S	0.120	3.05	4.98	7.41	3.760	95.50
		STD	80	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
		XX			0.636	16.15	22.87	34.03	2.728	69.30
4	4.500	5	5S	5S	0.083	2.11	3.92	5.84	4.334	110.08
100	114.3	10	40	10S	0.120	3.05	5.62	8.37	4.260	108.20
		STD	80	40S	0.156	3.96	7.24	10.78	4.188	106.38
		XS	80	80S	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
4-1/2	5.000	STD	40	40S	0.247	6.27	12.55	18.67	4.506	114.46
115	127.0	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

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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		
		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		
6 150	6.625 168.3	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		
					0.188	4.78	12.94	19.28	6.249	158.74		
		STD	40	40S	0.280	7.11	18.99	28.26	6.065	154.08		
		XS	80	80S	0.432	10.97	28.60	42.56	5.761	146.36		
		120			0.562	14.27	36.43	54.21	5.501	139.76		
		160			0.719	18.26	45.39	67.57	5.187	131.78		
			0.864	21.95	53.21	79.22	4.897	124.40				
7 175	7.625 193.7	STD	40	40S	0.301	7.65	23.57	35.10	7.023	178.40		
		XS	80		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		
8 200	8.625 219.1			5S	0.109	2.77	9.92	14.78	8.407	213.56		
				10S	0.148	3.76	13.41	19.97	8.329	211.58		
					0.250	6.35	22.38	33.32	8.125	206.40		
					0.277	7.04	24.72	36.82	8.071	205.02		
		STD	40	40S	0.322	8.18	28.58	42.55	7.981	202.74		
					0.406	10.31	35.67	53.09	7.813	198.48		
		XS	80	80S	0.500	12.70	43.43	64.64	7.625	193.70		
		100			0.594	15.09	51.00	75.92	7.437	188.92		
		120			0.719	18.26	60.77	90.44	7.187	182.58		
		140			0.812	20.62	67.82	100.93	7.001	177.86		
		XX			0.875	22.23	72.49	107.93	6.875	174.64		
		160			0.906	23.01	74.76	111.27	6.813	173.08		
		9 225	9.625 244.5	STD	40	40S	0.342	8.69	33.94	50.54	8.941	227.12
				XS	80		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		
10 250	10.750 273.0			5S	0.134	3.40	15.21	22.61	10.482	266.20		
				10S	0.165	4.19	18.67	27.78	10.420	264.62		
					0.188	4.78	21.23	31.62	10.374	263.44		
					0.250	6.35	28.06	41.76	10.250	260.30		
		20			0.307	7.80	34.27	51.01	10.136	257.40		
		STD	40	40S	0.365	9.27	40.52	60.29	10.020	254.46		
		XS	60	80S	0.500	12.70	54.79	81.53	9.750	247.60		
		80			0.594	15.09	64.49	95.98	9.562	242.82		
		100			0.719	18.26	77.10	114.71	9.312	236.48		
		120			0.844	21.44	89.38	133.01	9.062	230.12		
		140	XX		1.000	25.40	104.23	155.10	8.750	222.20		
		160			1.125	28.58	115.75	172.27	8.500	215.84		
		11 275	11.750 298.5	STD	40	40S	0.375	9.53	45.60	67.91	11.000	279.44
				XS	80		0.500	12.70	60.13	89.51	10.750	273.10
XX					0.875	22.23	101.72	151.46	10.000	254.04		
12 300	12.750 323.8			5S	0.156	3.96	21.00	31.24	12.438	315.88		
				10S	0.180	4.57	24.19	35.98	12.390	314.66		
					0.188	4.78	25.25	37.61	12.374	314.24		
					0.250	6.35	33.41	49.71	12.250	311.10		
		20			0.330	8.38	43.81	65.19	12.090	307.04		
		30			0.375	9.53	49.61	73.86	12.000	304.74		
		STD	40	40S	0.406	10.31	53.57	79.71	11.938	303.18		
		XS		80S	0.500	12.70	65.48	97.44	11.750	298.40		
		60			0.562	14.27	73.22	108.93	11.626	295.26		
		80			0.688	17.48	88.71	132.05	11.374	288.84		
		100			0.844	21.44	107.42	159.87	11.062	280.82		
		120	XX		1.000	25.40	125.61	186.92	10.750	273.00		
		140			1.125	28.58	139.81	208.08	10.500	266.64		
		160			1.312	33.32	160.42	238.69	10.126	257.16		
14 350	14.000 355.6			10S	0.188	4.78	27.76	41.36	13.624	346.04		
					0.250	6.35	36.75	54.69	13.500	342.90		
		10			0.312	7.92	45.65	67.91	13.376	339.76		
		20			0.375	9.53	54.62	81.33	13.250	336.54		
		STD	30	40S	0.438	11.13	63.50	94.55	13.124	333.34		
		XS		80S	0.500	12.70	72.16	107.40	13.000	330.20		
		60			0.594	15.09	85.13	126.72	12.812	325.42		
		80			0.750	19.05	106.23	158.11	12.500	317.50		
		100			0.938	23.83	130.98	194.98	12.124	307.94		
		120			1.094	27.79	150.93	224.66	11.812	300.02		
		140			1.250	31.75	170.37	253.58	11.500	292.10		
		160			1.406	35.71	189.29	281.72	11.188	284.18		

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NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS	WALL THICKNESS		WEIGHT		ID	
INCH MM	INCH MM	ASME	INCH	MM	LBS/ FOOT	KG/ METER	INCH	MM
16 400	16.000 406.4	10S 20 30 40S 40 80S	0.188	4.78	31.78	47.34	15.624	396.84
			0.250	6.35	42.09	62.65	15.500	393.70
			0.312	7.92	52.32	77.83	15.376	390.56
			0.375	9.53	62.64	93.27	15.250	387.34
			0.500	12.70	82.85	123.31	15.000	381.00
			0.656	16.66	107.60	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	354.02
			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	18.000 457	10S 20 30 40S 40 80S	0.188	4.78	35.80	53.31	17.624	447.44
			0.250	6.35	47.44	70.57	17.500	444.30
			0.312	7.92	58.99	87.71	17.376	441.16
			0.375	9.53	70.65	105.17	17.250	437.94
			0.438	11.13	82.23	122.38	17.124	434.74
			0.500	12.70	93.54	139.16	17.000	431.60
			0.562	14.27	104.76	155.81	16.876	428.46
			0.750	19.05	138.30	205.75	16.500	418.90
			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	15.250	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	20.000 508	10S 20 30 40S 40 80S	0.218	5.54	46.10	68.61	19.564	496.92
			0.250	6.35	52.78	78.56	19.500	495.30
			0.375	9.53	78.67	117.15	19.250	488.94
			0.500	12.70	104.23	155.13	19.000	482.60
			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
			1.500	38.10	296.65	441.52	17.000	431.80
			1.750	44.45	341.41	508.15	16.500	419.10
			1.969	50.01	379.53	564.85	16.062	407.98
22 550	22.000 559	10S 20 30 40S 40 80S	0.218	5.54	50.76	75.55	21.564	547.92
			0.250	6.35	58.13	86.55	21.500	546.30
			0.375	9.53	86.69	129.14	21.250	539.94
			0.500	12.70	114.92	171.10	21.000	533.60
			0.875	22.23	197.60	294.27	20.250	514.54
			1.125	28.58	251.05	373.85	19.750	501.84
			1.375	34.93	303.16	451.45	19.250	489.14
			1.625	41.28	353.94	527.05	18.750	476.44
			1.875	47.63	403.38	600.67	18.250	463.74
			2.125	53.98	451.49	672.30	17.750	451.04

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INCH MM	INCH MM	ASME	INCH	MM	LBS/ FOOT	KG/ METER	INCH	MM
24 600	24.000 610	10S 20 30 40S 40 80S	0.250	6.35	63.47	94.53	23.500	597.30
			0.375	9.53	94.71	141.12	23.250	590.94
			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	26.000 660	10S 20 30 40S 40 80S	0.312	7.92	85.68	127.36	25.376	644.16
			0.375	9.53	102.72	152.88	25.250	640.94
			0.500	12.70	136.30	202.74	25.000	634.60
28 700	28.000 711	10S 20 30 40S 40 80S	0.312	7.92	92.35	137.32	27.376	695.16
			0.375	9.53	110.74	164.86	27.250	691.94
			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	30.000 762	10S 20 30 40S 40 80S	0.312	7.92	99.02	147.29	29.376	746.16
			0.375	9.53	118.76	176.85	29.250	742.94
			0.500	12.70	157.68	234.68	29.000	736.60
			0.625	15.88	196.26	292.20	28.750	730.24
32 800	32.000 813	10S 20 30 40S 40 80S	0.312	7.92	105.69	157.25	31.376	797.16
			0.375	9.53	126.78	188.83	31.250	793.94
			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	34.000 864	10S 20 30 40S 40 80S	0.312	7.92	112.36	167.21	33.376	848.16
			0.375	9.53	134.79	200.82	33.250	844.94
			0.500	12.70	179.06	266.63	33.000	838.60
			0.625	15.88	222.99	332.14	32.750	832.24
36 900	36.000 914	10S 20 30 40S 40 80S	0.688	17.48	245.00	364.92	32.624	829.04
42 1050	42.000 1067	10S 20 30 40S 40 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
			0.500	12.70	189.75	282.29	35.000	888.60
48 1200	48.000 1219	10S 20 30 40S 40 80S	0.375	9.53	166.86	248.53	41.250	1047.94
			0.500	12.70	221.82	330.21	41.000	1041.60
			0.625	15.88	276.44	411.64	40.750	1035.24
			0.750	19.05	330.72	492.33	40.500	1028.90
48 1200	48.000 1219	STD XS	0.375	9.53	190.92	284.25	47.250	1199.94
			0.500	12.70	253.89	377.81	47.000	1193.60