

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	10S	0.049	1.24	0.19	0.28	0.307	7.82	
6	10.3	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	0.540	10	10S	0.065	1.65	0.33	0.49	0.410	10.40	
8	13.7	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	0.675	10	10S	0.065	1.65	0.42	0.63	0.545	13.80	
10	17.1	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	0.840	5	5S	0.065	1.65	0.54	0.80	0.710	18.00	
15	21.3	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	1.050	5	5S	0.065	1.65	0.69	1.03	0.920	23.40	
20	26.7	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	0.824	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	0.065	1.65	0.87	1.29	1.185	30.10	
25	33.4	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	1.660	5	5S	0.065	1.65	1.11	1.65	1.530	38.90	
32	42.2	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	1.900	5	5S	0.065	1.65	1.28	1.90	1.770	45.00	
40	48.3	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	2.375	5	5S	0.065	1.65	1.61	2.39	2.245	57.00	
50	60.3	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	2.875	5	5S	0.083	2.11	2.48	3.69	2.709	68.78	
65	73.0	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	3.500	5	5S	0.083	2.11	3.03	4.52	3.334	84.88	
80	88.9	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	4.000	5	5S	0.083	2.11	3.48	5.18	3.834	97.38	
90	101.6	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	
		XX		0.636	16.15	22.87	34.03	2.728	69.30	
4	4.500	5	5S	0.083	2.11	3.92	5.84	4.334	110.08	
100	114.3	10	10S	0.120	3.05	5.62	8.37	4.260	108.20	
				0.156	3.96	7.24	10.78	4.188	106.38	
				0.188	4.78	8.67	12.91	4.124	104.74	
		STD	40 40S	0.237	6.02	10.80	16.08	4.026	102.26	
		XS	80 80S	0.337	8.56	15.00	22.32	3.826	97.18	
		120		0.438	11.13	19.02	28.32	3.624	92.04	
		160		0.531	13.49	22.53	33.54	3.438	87.32	
		XX		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	

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS			WALL THICKNESS		WEIGHT		ID	
		ASME			INCH	MM	LBS/FOOT	KG/METER	INCH	MM
5	5.563	5	5S	0.109	2.77	6.36	9.46	5.345	135.76	
125	141.3	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	6.625	5	5S	0.109	2.77	7.59	11.31	6.407	162.76	
150	168.3	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	
		XX		0.864	21.95	53.21	79.22	4.897	124.40	
7	7.625	STD	40 40S	0.301	7.65	23.57	35.10	7.023	178.40	
175	193.7	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	
8	8.625	10	10S	0.109	2.77	9.92	14.78	8.407	213.56	
200	219.1	20	20S	0.148	3.76	13.41	19.97	8.329	211.58	
		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	
		140		0.719	18.26	60.77	90.44	7.187	182.58	
		160		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	9.625	STD	40 40S	0.342	8.69	33.94	50.54	8.941	227.12	
225	244.5	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	
10	10.750	5	5S	0.134	3.40	15.21	22.61	10.482	266.20	
250	273.0	10	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	
		30		0.365	9.27	40.52	60.29	10.020	254.46	
		STD	40 40S	0.500	12.70	54.79	81.53	9.750	247.60	
		XS	80 80S	0.594	15.09	64.49	95.98	9.562	242.82	
		80		0.719	18.2					



NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID			
		INCH	MM	INCH	MM	LBS/FOOT	KG/METER	INCH	MM		
16 400	16.000 406.4	10	10S	0.188	4.78	31.78	47.34	15.624	396.84		
			20	0.250	6.35	42.09	62.65	15.500	393.70		
		STD	30	0.312	7.92	52.32	77.83	15.376	390.56		
			40S	0.375	9.53	62.64	93.27	15.250	387.34		
		XS	40	0.500	12.70	82.85	123.31	15.000	381.00		
			80S	0.656	16.66	107.60	160.13	14.688	373.08		
		60	0.844	21.44	136.74	203.54	14.312	363.52			
		80	1.031	26.19	164.98	245.57	13.938	354.02			
		100	1.219	30.96	192.61	286.66	13.562	344.48			
		120	1.438	36.53	223.85	333.21	13.124	333.34			
		140	1.594	40.49	245.48	365.38	12.812	325.42			
		160									
		18 450	18.000 457	10	10S	0.188	4.78	35.80	53.31	17.624	447.44
					20	0.250	6.35	47.44	70.57	17.500	444.30
STD	40S			0.312	7.92	58.99	87.71	17.376	441.16		
	80S			0.375	9.53	70.65	105.17	17.250	437.94		
XS	30			0.438	11.13	82.23	122.38	17.124	434.74		
	40			0.500	12.70	93.54	139.16	17.000	431.60		
60	0.562			14.27	104.76	155.81	16.876	428.46			
80	0.750			19.05	138.30	205.75	16.500	418.90			
100	0.938			23.83	171.08	254.57	16.124	409.34			
120	1.156			29.36	208.15	309.64	15.688	398.28			
140	1.375			34.93	244.37	363.58	15.250	387.14			
160	1.562			39.67	274.48	408.28	14.876	377.66			
170	1.781			45.24	308.79	459.39	14.438	366.52			
20 500	20.000 508			10	10S	0.218	5.54	46.10	68.61	19.564	496.92
		20	0.250		6.35	52.78	78.56	19.500	495.30		
		STD	30	0.375	9.53	78.67	117.15	19.250	488.94		
			40S	0.500	12.70	104.23	155.13	19.000	482.60		
		XS	40	0.594	15.09	123.23	183.43	18.812	477.82		
			60	0.812	20.62	166.56	247.84	18.376	466.76		
		80	1.031	26.19	209.06	311.19	17.938	455.62			
		100	1.281	32.54	256.34	381.55	17.438	442.92			
		120	1.500	38.10	296.65	441.52	17.000	431.80			
		140	1.750	44.45	341.41	508.15	16.500	419.10			
		160	1.969	50.01	379.53	564.85	16.062	407.98			
		22 550	22.000 559	10	10S	0.218	5.54	50.76	75.55	21.564	547.92
					20	0.250	6.35	58.13	86.55	21.500	546.30
				STD	30	0.375	9.53	86.69	129.14	21.250	539.94
40S	0.500				12.70	114.92	171.10	21.000	533.60		
XS	60			0.875	22.23	197.60	294.27	20.250	514.54		
	80			1.125	28.58	251.05	373.85	19.750	501.84		
100	1.375			34.93	303.16	451.45	19.250	489.14			
120	1.625			41.28	353.94	527.05	18.750	476.44			
140	1.875			47.63	403.38	600.67	18.250	463.74			
160	2.125			53.98	451.49	672.30	17.750	451.04			

NOMINAL PIPE SIZE	OD	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID			
		INCH	MM	INCH	MM	LBS/FOOT	KG/METER	INCH	MM		
24 600	24.000 610	10	10S	0.250	6.35	63.47	94.53	23.500	597.30		
			20	0.375	9.53	94.71	141.12	23.250	590.94		
		STD	30	0.500	12.70	125.61	187.07	23.000	584.60		
			40S	0.562	14.27	140.81	209.65	22.876	581.46		
		XS	40	0.688	17.48	171.45	255.43	22.624	575.04		
			60	0.969	24.61	238.57	355.28	22.062	560.78		
		80	1.219	30.96	296.86	442.11	21.562	548.08			
		100	1.531	38.89	367.74	547.74	20.938	532.22			
		120	1.812	46.02	429.79	640.07	20.376	517.96			
		140	2.062	52.37	483.57	720.19	19.876	505.26			
		160	2.344	59.54	542.64	808.27	19.312	490.92			
		26 650	26.000 660	10	10S	0.312	7.92	85.68	127.36	25.376	644.16
					40S	0.375	9.53	102.72	152.88	25.250	640.94
				XS	80S	0.500	12.70	136.30	202.74	25.000	634.60
28 700	28.000 711	10	10S	0.312	7.92	92.35	137.32	27.376	695.16		
			40S	0.375	9.53	110.74	164.86	27.250	691.94		
		STD	30	0.500	12.70	146.99	218.71	27.000	685.60		
			40S	0.625	15.88	182.90	272.23	26.750	679.24		
30 750	30.000 762	10	10S	0.312	7.92	99.02	147.29	29.376	746.16		
			40S	0.375	9.53	118.76	176.85	29.250	742.94		
		STD	30	0.500	12.70	157.68	234.68	29.000	736.60		
			40S	0.625	15.88	196.26	292.20	28.750	730.24		
32 800	32.000 813	10	10S	0.312	7.92	105.69	157.25	31.376	797.16		
			40S	0.375	9.53	126.78	188.83	31.250	793.94		
		STD	30	0.500	12.70	168.37	250.65	31.000	787.60		
			40S	0.625	15.88	209.62	312.17	30.750	781.24		
34 850	34.000 864	10	10S	0.312	7.92	112.36	167.21	33.376	848.16		
			40S	0.375	9.53	134.79	200.82	33.250	844.94		
		STD	30	0.500	12.70	179.06	266.63	33.000	838.60		
			40S	0.625	15.88	222.99	332.14	32.750	832.24		
36 900	36.000 914	10	10S	0.312	7.92	119.03	176.97	35.376	898.16		
			40S	0.375	9.53	142.81	212.57	35.250	894.94		
		STD	30	0.500	12.70	189.75	282.29	35.000	888.60		
			40S	0.625	15.88	245.00	364.92	34.750	882.24		
42 1050	42.000 1067	STD	10S	0.375	9.53	166.86	248.53	41.250	1047.94		
			40S	0.500	12.70	221.82	330.21	41.000	1041.60		
		XS	30	0.625	15.88	276.44	411.64	40.750	1035.24		
			40S	0.750	19.05	330.72	492.33	40.500	1028.90		
48 1200	48.000 1219	STD	10S	0.375	9.53	190.92	284.25	47.250	1199.94		
			40S	0.500	12.70	253.89	377.81	47.000	1193.60		