

Steel SW

Adding value and knowledge to the business



Weight & Sizes of Pipes

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Dimension		Schedule ANSI / ASME		Wall Thickness		Weight		
Nom Sizes	OD Inches			Inches	mm	Inches/Foot	Kg/met.	
Nom Sizes	OD mm							
1/8	0.405		10	10S	0.049	1.24	0.186	0.28
6	10.3	STD	40	40S	0.068	1.73	0.244	0.36
		XS	80	80S	0.095	2.41	0.315	0.47
1/4	0.540		10	10S	0.065	1.65	0.329	0.49
8	13.7	STD	40	40S	0.088	2.24	0.425	0.63
		XS	80	80S	0.119	3.02	0.535	0.80
3/8	0.675		10	10S	0.065	1.65	0.424	0.63
10	17.1	STD	40	40S	0.091	2.31	0.568	0.84
		XS	80	80S	0.126	3.20	0.739	1.10
1/2	0.840		5	5S	0.065	1.65	0.538	0.80
15	21.3		10	10S	0.083	2.11	0.671	1.00
		STD	40	40S	0.109	2.77	0.855	1.27
		XS	80	80S	0.147	3.73	1.088	1.62
			160		0.188	4.78	1.309	1.95
		XX			0.294	7.47	1.714	2.55
3/4	1.050		5	5S	0.065	1.65	0.683	1.02
20	26.7		10	10S	0.083	2.11	0.857	1.28
		STD	40	40S	0.113	2.87	1.131	1.68
		XS	80	80S	0.154	3.91	1.474	2.19
			160		0.219	5.56	1.944	2.89
		XX			0.308	7.82	2.441	3.63
1	1.315		5	5S	0.065	1.65	0.867	1.29
25	33.4		10	10S	0.109	2.77	1.404	2.09
		STD	40	40S	0.133	3.38	1.679	2.50
		XS	80	80S	0.179	4.55	2.172	3.23
			160		0.250	6.35	2.844	4.23
		XX			0.358	9.09	3.659	5.45
1 - 1/4	1.660		5	5S	0.065	1.65	1.107	1.65
32	42.2		10	10S	0.109	2.77	1.806	2.69
		STD	40	40S	0.140	3.56	2.273	3.38
		XS	80	80S	0.191	4.85	2.997	4.46
			160		0.250	6.35	3.765	5.60
		XX			0.382	9.70	5.214	7.76

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Nom Sizes	OD mm							
1 - 1/2 40	1.900 48.3	STD XS XX	5	5S	0.065	1.65	1.274	1.90
			10	10S	0.109	2.77	2.085	3.10
			40	40S	0.145	3.68	2.718	4.05
			80	80S	0.200	5.08	3.631	5.40
			160		0.281	7.14	4.859	7.23
					0.400	10.16	6.408	9.54
2 50	2.375 60.3	STD XS XX	5	5S	0.065	1.65	1.604	2.39
			10	10S	0.109	2.77	2.638	3.93
			40	40S	0.154	3.91	3.653	5.44
			80	80S	0.218	5.54	5.022	7.47
			160		0.344	8.74	7.462	11.11
					0.436	11.07	9.029	13.44
2 - 1/2 65	2.875 73.0	STD XS XX	5	5S	0.083	2.11	2.475	3.68
			10	10S	0.120	3.05	3.531	5.26
			40	40S	0.203	5.16	5.793	8.62
			80	80S	0.276	7.01	7.661	11.40
			160		0.375	9.53	10.01	14.90
					0.552	14.02	13.69	20.37
3 80	3.500 88.9	STD XS XX	5	5S	0.083	2.11	3.029	4.51
			10	10S	0.120	3.05	4.332	6.45
			40	40S	0.216	5.49	7.576	11.27
			80	80S	0.300	7.62	10.25	15.25
			160		0.438	11.13	14.32	21.31
					0.600	15.24	18.58	27.65
3 - 1/2 90	4.000 101.6	STD XS XX	5	5S	0.083	2.11	3.472	5.17
			10	10S	0.120	3.05	4.973	7.40
			40	40S	0.226	5.74	9.109	13.56
			80	80S	0.318	8.08	12.50	18.60
					0.636	16.15	22.85	34.01

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Nom Sizes	OD Inches			Inches	mm	Inches/Foot	Kg/met.		
Nom Sizes	OD mm								
4 100	4.500 114.3	STD	5	5S	0.083	2.11	3.915	5.83	
			10	10S	0.120	3.05	5.613	8.35	
			40	40S	0.237	6.02	10.79	16.06	
			XS	80	80S	0.337	8.56	14.98	22.29
				120		0.438	11.13	19.0	28.28
				160		0.531	13.49	22.51	33.50
			XX		0.674	17.12	27.54	40.99	
5 125	5.563 141.3	STD	5	5S	0.109	2.77	6.349	9.45	
			10	10S	0.134	3.40	7.770	11.56	
			40	40S	0.258	6.55	14.62	21.76	
			XS	80	80S	0.375	9.53	20.78	30.93
				120		0.500	12.70	27.04	40.24
				160		0.625	15.88	32.96	49.05
			XX		0.750	19.05	38.55	57.37	
6 150	6.625 168.3	STD	5	5S	0.109	2.77	7.585	11.29	
			10	10S	0.134	3.40	9.289	13.82	
			40	40S	0.28	7.11	18.97	28.23	
			XS	80	80S	0.432	10.97	28.57	42.52
				120		0.562	14.27	36.39	54.16
				160		0.719	18.26	45.35	67.49
			XX		0.864	21.95	53.16	79.12	
8 200	8.625 219.1	STD		5S	0.109	2.77	9.914	14.75	
			10	10S	0.148	3.76	13.40	19.94	
			20		0.250	0.35	22.36	33.28	
			30		0.277	7.04	24.70	36.76	
			40	40S	0.322	8.18	28.55	42.49	
			XS	60		0.406	10.31	35.64	53.04
				80	80S	0.500	12.70	43.39	64.58
				100		0.594	15.09	50.95	75.83
			120		0.719	18.26	60.71	90.35	
			140		0.812	20.62	67.76	100.84	
			XX		0.875	22.23	72.42	107.78	
	160		0.906	23.01	74.69	111.16			

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Dimension		Schedule ANSI / ASME		Wall Thickness		Weight	
Nom Sizes	OD Inches			Inches	mm	Inches/Foot	Kg/met.
Nom Sizes	OD mm						
10	10.750		5S	0.134	3.4	15.19	22.61
250	273.1	10	10S	0.165	4.19	18.70	27.83
		20		0.250	6.35	28.04	41.73
		30		0.307	7.80	34.24	50.96
		STD 40	40S	0.365	0.27	40.48	60.24
		XS 60	80S	0.500	12.70	54.74	81.47
		80		0.594	15.09	64.43	95.89
		100		0.190	18.26	77.03	114.64
		120		0.844	21.44	89.29	132.89
		XX 140		1.000	25.40	104.13	154.97
		160		1.125	28.58	115.64	172.10
12	12.750		5S	0.156	3.96	20.98	31.22
300	323.9		10S	0.180	4.57	24.20	36.02
		20		0.250	6.35	33.38	49.68
		30		0.300	8.38	43.77	65.14
		STD 40	40S	0.375	9.53	49.56	73.76
		XS 60	80S	0.406	10.31	53.52	79.65
		80		0.500	12.70	65.42	97.36
		100		0.562	14.27	73.15	108.87
		80		0.688	17.48	88.63	131.90
		100		0.844	21.44	107.32	159.72
		XX 120		1.000	25.40	125.49	186.76
		140		1.125	28.58	139.67	207.86
		160		1.312	33.32	160.27	238.52

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Dimension		Schedule ANSI / ASME	Wall Thickness		Weight	
Nom Sizes	OD Inches		Inches	mm	Inches/Foot	Kg/met.
Nom Sizes	OD mm					
14	14.000	5S	0.156	3.96	22.92	34.14
350	355.6	10S	0.188	4.78	27.73	41.27
		10	0.250	6.35	36.71	54.63
		20	0.312	7.92	45.61	67.68
		STD 30 40S	0.750	9.53	54.57	81.21
		40	0.438	11.13	63.44	94.41
		XS 80S	0.500	12.70	72.09	107.29
		60	0.594	15.09	85.05	126.58
		80	0.750	19.05	106.13	157.95
		100	0.938	23.83	130.85	194.74
		120	1.094	27.79	150.90	224.58
		140	1.250	31.75	170.21	253.32
		160	1.406	35.71	189.10	281.43
16	16.000	5S	0.165	4.19	27.75	41.29
400	406.4	10S	0.188	4.78	31.75	47.25
		10	0.250	6.35	420.05	62.58
		20	0.312	7.92	52.27	77.79
		STD 30 40S	0.375	9.53	62.58	93.13
		XS 40 80S	0.500	12.70	82.77	123.18
		60	0.656	16.66	107.5	159.99
		80	0.844	21.44	136.61	203.31
		100	1.031	26.20	164.82	245.29
		120	1.219	30.96	192.43	286.38
		140	1.438	36.53	223.64	332.83
		160	1.594	40.49	245.25	364.99

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Dimension		Schedule ANSI / ASME	Wall Thickness		Weight	
Nom Sizes	OD Inches		Inches	mm	Inches/Foot	Kg/met.
Nom Sizes	OD mm					
18	18.000		0.165	4.19	31.26	46.51
450	457.2		0.188	4.78	35.76	53.22
			0.250	6.35	47.39	70.53
			0.031	7.92	58.94	87.72
		STD	0.375	9.53	70.59	105.06
			0.438	11.13	82.15	122.26
		XS	5.000	12.70	93.45	139.08
			0.562	14.27	104.67	155.78
			0.750	19.05	138.17	205.63
			0.938	23.83	170.92	254.37
			1.156	29.36	207.96	309.50
			1.375	34.93	244.14	363.34
			1.562	39.67	274.22	408.11
			1.781	45.24	308.50	459.13
20	20.000		0.188	4.78	39.57	58.87
500	508		0.218	5.54	46.06	68.55
			0.250	6.35	52.73	78.48
		STD	0.375	9.53	78.60	116.98
		XS	0.500	12.70	104.13	154.97
			0.594	15.09	123.11	183.22
			0.812	20.62	166.4	247.65
			1.031	26.19	208.87	310.85
			1.281	35.54	256.10	381.14
			1.500	38.10	296.37	441.07
			1.750	44.45	341.09	507.63
			1.969	50.01	379.17	564.30

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Nom Sizes	OD Inches			Inches	mm	Inches/Foot	Kg/met.
Nom Sizes	OD mm						
22	22.000	STD	5S	0.188	4.78	44.57	66.34
550	559		10S	0.218	5.54	51.59	76.78
			10	0.250	6.35	59.04	87.87
			20	0.375	9.53	88.10	131.12
			30	0.500	12.70	116.73	173.73
			60	0.875	22.23	200.77	298.79
			80	1.125	28.58	255.06	379.59
			120	1.625	41.28	359.58	535.14
24	24.000	STD	5S	0.218	5.54	55.07	81.94
600	609		10S	0.250	6.35	63.41	94.37
			20	0.375	9.53	94.62	140.82
			30	0.500	12.70	125.49	186.76
			40	0.652	14.27	140.68	209.37
			60	0.688	17.48	171.29	254.92
			80	0.969	24.61	238.35	354.72
			80	1.219	30.96	296.58	441.39
			100	1.531	38.89	367.39	546.77
			120	1.812	46.02	429.39	639.04
		140	20.620	52.37	483.10	718.97	
		160	2.344	59.54	542.13	806.83	
26	26.000	STD	10	0.312	7.92	85.6	127.36
650	660.4		40S	0.375	9.53	102.63	152.87
			80S	0.500	12.70	136.17	202.72
28	28.000	STD	10	0.312	7.92	92.26	137.32
700	711.2		40S	0.750	9.53	110.64	164.85
			20	0.500	12.70	146.85	218.64
		30	0.625	15.88	182.73	271.21	
30	30.000	STD	5S	0.25	6.35	79.00	117.55
750	762		10	0.312	7.92	98.93	147.23
			40S	0.375	9.53	118.65	176.58
			20	0.500	12.70	157.53	234.44
			30	0.625	15.88	196.08	291.82

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Nom Sizes	OD mm							
32	32.000	STD	10	0.312	7.92	105.59	157.24	
800	812.8		20	0.375	0.53	126.66	188.82	
			30	0.500	12.70	168.21	250.64	
			40	0.625	15.88	209.43	312.15	
			40	0.688	17.48	230.08	342.91	
34	34.000	STD	10	0.312	7.92	112.25	167.20	
850	863.6		20	0.375	9.53	134.67	200.31	
			30	0.500	12.70	178.89	266.61	
			40	0.625	15.88	222.78	332.12	
			40	0.688	17.48	244.77	364.90	
36	36.000	STD	10	40S	0.312	7.92	118.92	176.98
900	914.4			80S	0.375	9.53	142.68	212.34
				XS	0.500	12.70	189.57	282.13
38	38.000	STD	40S	0.375	9.53	153.21	228.00	
950	965	XS	80S	0.500	12.70	203.49	302.84	
40	40.000	STD	40S	0.375	9.53	161.39	240.18	
1000	1016	XS	80S	0.500	12.70	214.39	319.06	
42	2.000	STD	40S	0.375	9.53	166.71	248.52	
1050	1066.8	XS	80S	0.500	12.70	221.61	330.19	
		30		0.625	15.88	276.18	410.95	
		40		0.750	19.05	330.8	492.23	
44	44.000	STD	40S	0.375	9.53	177.74	264.52	
1100	1118	XS	80S	0.500	12.70	236.18	351.49	
46	46.000	STD	40S	0.375	9.53	185.76	276.45	
1150	1168	XS	80S	0.500	12.70	246.86	367.39	
48	48.000	STD	40S	0.375	9.53	190.74	283.82	
1200	1219.2	XS	80S	0.500	12.70	253.65	377.42	