

# PIPE SCHEDULE & WEIGHTS

ASME B36.10 - B36.19



Nominal Pipe Size																Figures based on austenitic steel		
in	DN mm	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S
1/8	6 10.30				1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47							1.24 0.28	1.73 0.36	2.41 0.48
1/4	8 13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80							1.65 0.51	2.24 0.64	3.02 0.82
3/8	10 17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10							1.65 0.64	2.31 0.86	3.20 1.12
1/2	15 21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	1.65 0.82	2.11 1.01	2.77 1.30	3.73 1.65
3/4	20 26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	1.65 1.04	2.11 1.31	2.87 1.71	3.91 2.24
1	25 33.40				3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	1.65 1.33	2.77 2.13	3.38 2.55	4.55 3.29
1-1/4	32 42.20				3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77	1.65 1.68	2.77 2.76	3.56 3.46	4.85 4.56
1-1/2	40 48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56	1.65 1.95	2.77 3.17	3.68 4.13	5.08 5.51
2	50 60.30				3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	1.65 2.44	2.77 4.01	3.91 5.54	5.54 7.63
2-1/2	65 73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	2.11 3.77	3.05 5.36	5.16 8.81	7.01 11.64
3	80 88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	2.11 4.52	3.05 6.59	5.49 11.52	7.62 15.59
3-1/2	90 101.60				5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63						2.11 5.29	3.05 7.55	5.74 13.84	8.08 19.01
4	100 114.30				6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03	2.11 5.96	3.05 8.52	6.02 16.40	8.56 22.77
5	125 141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43	2.77 9.67	3.40 11.82	6.55 22.20	9.53 31.59
6	150 168.30				7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56		14.27 54.20		18.26 67.56	21.95 79.22	2.77 11.55	3.40 14.13	7.11 28.83	10.97 43.42
8	200 219.10		6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	2.77 15.09	3.76 20.37	8.18 43.39	12.70 65.59
10	250 273.00		6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	15.09 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	3.40 23.08	4.19 28.34	9.27 61.52	12.70 83.19
12	300 323.90		6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	17.48 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	3.96 31.89	4.57 36.73	9.53 75.52	12.70 99.43
14	350 355.60	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	28.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70		3.96 35.06	4.78 42.14		
16	400 406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.31	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35		4.19 42.41	4.78 47.34		
18	450 457.00	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.17	14.27 155.81	19.05 205.75	12.70 139.15	23.83 254.57	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.39		4.19 47.77	4.78 53.31		
20	500 508.00	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.52	44.45 508.11	50.01 564.81		4.78 60.46	5.54 68.61		
22	550 559.00	6.35 86.54	9.53 129.13	12.70 171.09	9.53 129.13		22.23 294.27	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		4.78 66.57	5.54 75.55		
24	600 610.00	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.89 547.701	46.02 640.03	52.37 720.15	59.54 808.22		5.54 84.16	6.35 96.37		
26	650 660.00	7.92 127.36	12.70 202.72		9.53 152.87			12.70 202.72										
28	700 711.00	7.92 137.32	12.70 218.69	15.88 272.23	9.53 164.85			12.70 218.69										
30	750 762.00	7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84			12.70 234.67							6.35 120.72	7.92 150.36		
32	800 813.00	7.92 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.70 250.64										
36	900 914.00	7.92 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42		12.70 282.27										
40	1000 1016.00				9.53 236.53			12.70 315.22										
42	1050 1067.00				9.53 248.52			12.70 330.19										
46	1150 1168.00				9.53 272.25			12.70 361.84										
48	1200 1219.00				9.53 284.24			12.70 377.79										

WALL THICKNESS = MILIMETER  
WEIGHTS = KILOGRAM PER METER



## BWG (BIRMINGHAM WIRE GAUGE)

		Wall Thickness							
BWG		22	20	18	16	14	12	11	10
mm		0,711	0,889	1,245	1,651	2,108	2,769	3,048	3,404
Outside Diameter		Weight in kg/m							
inches	mm								
1/4	6,350		0,122	0,159	0,194				
5/16	7,950		0,157	0,209	0,260				
3/8	9,525		0,192	0,258	0,326	0,392			
1/2	12,700	0,213	0,263	0,357	0,457	0,559	0,688	0,737	
5/8	15,875	0,270	0,334	0,456	0,588	0,727	0,908	0,979	
3/4	19,050		0,404	0,555	0,719	0,894	1,130	1,220	1,330
7/8	22,225	0,383	0,475	0,654	0,851	1,060	1,350	1,460	1,600
1	25,400	0,440	0,546	0,752	0,982	1,230	1,570	1,710	1,870
1-1/4	31,750	0,553	0,687	0,950	1,240	1,570	2,010	2,190	2,420
1-1/2	38,100	0,666	0,828	1,150	1,510	1,900	2,450	2,680	2,960
1-3/4	44,450	0,779	0,970	1,350	1,770	2,240	2,890	3,160	3,500
2	50,800	0,892	1,110	1,540	2,030	2,570	3,330	3,650	4,040
2-1/2	63,500			1,940	2,560	3,240	4,210	4,610	5,120

## SWG (STANDARD WIRE GAUGE)

		Wall Thickness							
SWG		22	20	18	16	14	12	11	10
mm		0,711	0,914	1,219	1,626	2,032	2,642	2,946	3,251
Outside Diameter		Weight in kg/m							
inches	mm								
1/4	6,350			0,157	0,192				
5/16	7,950		0,161	0,205	0,257				
3/8	9,525		0,197	0,253	0,321	0,381			
1/2	12,700	0,213	0,270	0,350	0,451	0,543	0,665	0,720	
5/8	15,875	0,270	0,342	0,447	0,580	0,704	0,875	0,954	
3/4	19,050		0,415	0,544	0,709	0,866	1,090	1,190	1,290
7/8	22,225	0,383	0,488	0,641	0,838	1,030	1,300	1,420	1,550
1	25,400	0,440	0,560	0,738	0,967	1,190	1,510	1,660	1,800
1-1/4	31,750	0,553	0,706	0,931	1,230	1,510	1,930	2,130	2,320
1-1/2	38,100	0,666	0,851	1,130	1,480	1,840	2,350	2,590	2,840
1-3/4	44,450	0,779	0,996	1,320	1,740	2,160	2,770	3,060	3,350
2	50,800	0,892	1,140	1,510	2,000	2,480	3,190	3,530	3,870
2-1/2	63,500			1,900	2,520	3,130	4,030	4,470	4,910