STEEL FACTS SHEET

BIRMINGHAM WIRE GAUGE EQUIVALENTS

gauge #	decimal
0000	.454
00	.425
00	.380
0	.340
1	.300
2	.284
3	.259
4	.238
5	.220
6	.203
7	.180
8	.165
9	.148
10	.134
11	.120
12	.109
13	.095
14	.083
15	.072
16	.065
17	.058
18	.049
19	.042
20	.035
21	.032
22	.028
23	.025
24	.022
25	.020
26	.018
27	.016
28	.014
29	.013
30	.012
31	.010
32	.009
33	.008
34	.007
35	.005
36	.004

UNCOATED SHEETS			GALVANIZED SHEETS	
Mfrs. Std. Gage No.	Thickness Inch	Lbs. per Sq. Ft.	Thickness Inch	Lbs. per Sq. Ft.
3	.2391	10.0000	---	---
4	.2242	9.3750	---	---
5	.2092	8.7500	---	---
6	.1943	8.1250	---	---
7	.1793	7.5000	---	---
8	.1644	6.8750	.1681	7.0312
9	.1495	6.2500	.1532	6.4062
10	.1345	5.6250	.1382	5.7812
11	.1196	5.0000	.1233	5.1562
12	.1046	4.3750	.1084	4.5312
13	.0897	3.7500	.0934	3.9062
14	.0747	3.1250	.0785	3.2812
15	.0673	2.8125	.0710	2.9687
16	.0598	2.5000	.0635	2.6562
17	.0538	2.2500	.0575	2.4062
18	.0478	2.0000	.0516	2.1562
19	.0418	1.7500	.0456	1.9062
20	.0359	1.5000	.0396	1.6562
21	.0329	1.3750	.0366	1.5312
22	.0299	1.2500	.0336	1.4062
23	.0269	1.1250	.0306	1.2812
24	.0239	1.0000	.0276	1.1562
25	.0209	.8750	.0247	1.0312
26	.0179	.7500	.0217	.9062
27	.0164	.6875	.0202	.8437
28	.0149	.6250	.0187	.7812
29	.0135	.5625	.0172	.7187
30	.0120	.5000	.0157	.6562
31	.0105	.4375	---	---
32	.0097	.4062	---	---

DECIMAL EQUIVALENTS

1/64	.015625
1/32	.03125
3/64	.46875
1/16	.0625
5/64	.078125
3/32	.09375
7/64	.109375
1/8	.125
9/64	.140625
5/32	.15625
11/64	.171875
3/16	.1875
13/64	.203125
7/32	.21875
15/64	.234375
1/4	.250
17/64	.265625
9/32	.28125
19/64	.296875
5/16	.3125
21/64	.328125
11/32	.34375
23/64	.359375
3/8	.375
25/64	.390625
13/32	.40625
27/64	.421875
7/16	.4375
29/64	.453125
15/32	.46875
31/64	.484375
1/2	.500
33/64	.515625
17/32	.53125
35/64	.546875
9/16	.5625
37/64	.578125
19/32	.59375
39/64	.609375
5/8	.625
41/64	.640625
21/32	.65625
43/64	.671875
11/16	.6875
45/64	.703125
23/32	.71875
47/64	.734375
3/4	.750
49/64	.765625
25/32	.78125
51/64	.796875
13/16	.8125
53/64	.828125
27/32	.84375
55/64	.859375
7/8	.875

PIPE SCHEDULES

Pipe Size (IN.)	O.D. in Inches	5S	5	10S	10	20	30	40S STD.	40	60	80S XH	80	100	120	140	160	DBL XXH
1/8	.405		.035 0.1383	.049 0.1863	.049 0.1863			.068 0.2447	.068 0.2447		.095 0.3145	.095 0.3145					
1/4	.540		.049 0.2570	.065 0.3297	.065 0.3297			.088 0.4248	.088 0.4248		.119 0.5351	.119 0.5351					
3/8	.675		.049 0.3276	.065 0.4235	.065 0.4235			.091 0.5676	.091 0.5676		.126 0.7388	.126 0.7388					
1/2	.840	.065 0.5383	.065 0.5383	.083 0.6710	.083 0.6710			.109 0.8510	.109 0.8510		.147 1.088	.147 1.088				.187 1.304	.294 1.714
3/4	1.050	.065 0.6838	.065 0.6838	.083 0.8572	.083 0.8572			.113 1.131	.113 1.131		.154 1.474	.154 1.474				.218 1.937	.308 2.441
1	1.315	.065 0.8678	.065 0.8678	.109 1.404	.109 1.404			.133 1.678	.133 1.678		.179 2.172	.179 2.172				.250 2.844	.358 3.659
1 1/4	1.660	.065 1.107	.065 1.107	.109 1.806	.109 1.806			.140 2.273	.140 2.273		.191 2.997	.191 2.997				.250 3.765	.382 5.214
1 1/2	1.900	.065 1.274	.065 1.274	.109 2.085	.109 2.085			.145 2.718	.145 2.718		.200 3.631	.200 3.631				.281 4.859	.400 6.408
2	2.375	.065 1.604	.065 1.604	.109 2.638	.109 2.638			.154 3.653	.154 3.653	.218	.218 5.022	.218 5.022				.344 7.462	.436 9.029
2 1/2	2.875	.083 2.475	.083 2.475	.120 3.531	.120 3.531			.203 5.793	.203 5.793		.276 7.661	.276 7.661				.375 10.01	.552 13.70
3	3.500	.083 3.029	.083 3.029	.120 4.332	.120 4.332			.216 7.576	.216 7.576		.300 10.25	.300 10.25				.438 14.32	.600 18.58
3 1/2	4.000	.083 3.472	.083 3.472	.120 4.937	.120 4.937			.226 9.109	.226 9.109		.318 12.51	.318 12.51					.636 22.85
4	4.500	.083 3.915	.083 3.915	.120 5.613	.120 5.613			.237 10.790	.237 10.790		.337 14.98	.337 14.98		.438 .19		.531 22.51	.674 27.54
4 1/2	5.000							.247 12.54			.355 17.61						

PIPE SCHEDULES

Pipe Size (IN.)	O.D. in Inches	5S	5	10S	10	20	30	40S STD.	40	60	80S XH	80	100	120	140	160	DBL XXH
5	5.563	.109 6.349	.109 6.349	.134 7.770	.134 7.770			.258 14.62	.258 14.62		.375 20.78	.375 20.78		.500 27.04		.625 32.96	.750 38.55
6	6.625	.109 7.585	.109 7.585	.134 9.290	.134 9.289			.280 18.97	.280 18.97		.432 28.57	.432 28.57		.562 36.39		.719 43.35	.864 53.16
7	7.625							.301 23.54			.500 38.04						.875 63.08
8	8.625	.109 9.914	.109 9.914	.148 13.40	.148 12.40	.250 22.36	.277 24.70	.322 28.55	.322 28.55	.406 35.64	.500 43.39	.500 43.39	.594 50.95	.719 61.71	.812 67.76	.906 74.79	.875 72.42
9	9.625							.342 33.91			.500 48.73						
10	10.75	.134 15.190	.134 15.190	.165 18.65	.165 18.7	.250 28.04	.307 34.24	.365 40.48	.365 40.48	.500 54.74	.500 54.74	.594 64.43	.719 77.03	.844 82.29	1.000 104.1	1.125 115.6	1.000 104.1
11	11.75							.375 45.56			.500 60.08						
12	12.75	.156 21.070	.165 22.180	.180 24.16	.180 24.16	.250 33.38	.330 43.77	.375 49.56	.406 53.52	.562 73.15	.500 65.42	.688 88.63	.844 107.3	1.000 125.5	1.125 136.7	1.312 160.3	1.000 125.5
14	14.00	.156 23.070		.188 27.73	.188 26.71	.312 45.61	.375 54.57	.375 54.57	.438 63.44	.594 85.05	.500 72.09	.750 108.1	.938 130.9	1.09 150.8	1.250 170.2	1.406 189.1	
16	16.00	.165 27.900		.188 31.75	.188 42.05	.312 52.27	.375 62.58	.375 62.58	.500 82.77	.656 107.5	.500 82.77	.844 136.4	1.031 164.8	1.22 192.4	1.438 223.6	1.594 245.3	
18	18.00	.165 31.43		.188 35.76	.188 47.39	.312 58.94	.438 82.15	.375 70.59	.562 104.76	.750 139.05	.500 93.45	.938 170.93	1.156 208.09	1.38 244.16	1.562 274.29	1.781 308.50	
20	20.00	.188 39.78		.218 46.05	.218 52.73	.375 78.60	.500 104.10	.375 78.60	.594 123.10	.812 166.40	.500 104.10	1.031 208.90	1.281 256.10	1.500 296.40	1.750 341.10	1.969 379.20	
24	24.00	.218 55.37		.250 63.41	.250 63.41	.375 90.42	.562 140.79	.375 94.62	.688 171.36	.969 238.40	.500 125.56	1.219 296.46	1.531 367.46	1.812 429.40	2.062 478.19	2.344 542.10	