

STANDARD MATERIAL LENGTHS

Tubing / Pipe			Bar		
C	Round Weld	20'	C	HR Round	20'
A	Square Weld	20'	A	HR Square	20'
R	Rectangle Weld	20'	R	HR Flat	20'
B	DOM	17-24' R/L	B	HR Angle	20'
O	Cold Drawn SMLS	17-24' R/L	O	CR Round	12 & 20' R/L
N	Pipe Weld / Smls	20-21' R/L	N	CR Square	12' R/L
	Hydraulic	20'		CR Flat	12' R/L
	Alloy SMLS	17-24' R/L			

Tubing / Pipe			Bar		
S	Round Weld	20'	S	Round	12' R/L
T	Square Weld	20'	T	Square	12' R/L
N	Rectangle Weld	20'	N	Flat	12' R/L
L	Round SMLS	17-24' R/L	L	Angle	20' R/L
S	Pipe Weld / SMLS	17-24' R/L	S		

Tubing / Pipe			Bar		
A	Round Weld 6061	20'	A	Round 6061	12'
L	Square Weld 6061	20'	L	Square 6061	12'
U	Rect Weld 6061	20'	U	Flat 6061	12'
M	Round SMLS	12'	M	Hex 6061	12'
I			I	Angle 6061	25'
N	Round Weld 6063	24'	N		
I	Square Weld 6063	24'	I	Round 6063	16'
U	Rect Weld 6063	24'	U	Flat 6063	16'
M			M	Angle 6063	16'

UNCOATED SHEETS

Mfrs. Std Gage No.	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
9	.1495	6.2500
10	.1345	5.6250
11	.1196	5.0000
12	.1046	4.3750
13	.0897	3.7500
14	.0747	3.1250
15	.0673	2.8125
16	.0598	2.5000
17	.0538	2.2500
18	.0478	2.0000
19	.0418	1.7500
20	.0359	1.5000
21	.0329	1.3750
22	.0299	1.2500
23	.0269	1.1250
24	.0239	1.0000
25	.0209	.8750
26	.0179	.7500
27	.0164	.6875
28	.0149	.6250
29	.0135	.5625
30	.0120	.5000
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 SCHEDULE

Pipe Size (IN.)	O.D. in Inches	5	10	20	30	40S STD.	40	60	80s XH	80	100	120	140	160	DBL XXH
1/8	.405	.035 .1383	.049 .1383			.068 .2447	.068 .2447		.095 .3145	.095 .3145					
1/4	.540	.049 .2570	.065 .3297			.088 .4248	.088 .4248		.119 .5351	.119 .5351					
3/8	.675	.049 .3276	.065 .4235			.091 .5676	.091 .5676		.126 .7388	.126 .7388					
1/2	.840	.065 .5383	.083 .6710			.109 .8510	.109 .8510		.147 1.088	.147 1.088				.187 1.304	.294 1.714
3/4	1.050	.065 .6368	.083 .8572			.113 1.131	.113 1.131		.154 1.474	.154 1.474				.218 1.937	.308 2.441
1	1.315	.065 .8678	.109 1.404			.133 1.679	.133 1.679		.179 2.172	.179 2.172				.250 2.844	.358 3.659
1 1/4	1.660	.065 1.107	.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	.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	.109 2.638			.154 3.653	.154 3.653		.218 5.022	.218 5.022				.343 7.444	.436 9.029
2 1/2	2.875	.083 2.475	.120 3.531			.203 5.793	.203 5.793		.276 7.661	.276 7.661				.375 10.01	.552 13.76
3	3.500	.083 3.029	.120 4.332			.216 7.576	.216 7.576		.300 10.25	.300 10.25				.437 14.32	.600 18.58
3 1/2	4.000	.083 3.472	.120 4.973			.226 9.109	.226 9.109		.318 12.51	.318 12.51				.636 22.85	.875 27.54
4	4.500	.083 3.915	.120 5.613			.237 10.790	.237 10.790		.337 14.98	.337 14.98		.437 19.01		.531 22.51	.674 27.54
4 1/2	5.000					.247 12.53			.355 17.61					.710 32.53	
5	5.563	.109 6.349	.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	.134 9.289			.280 18.97	.280 18.97		.432 28.57	.432 28.57		.562 36.39		.718 45.30	.864 53.16
7	7.625					.301 23.57			.500 38.05					.875 63.08	
8	8.625	.109 9.914	.148 13.40	.250 22.36	.277 24.70	.322 28.55	.322 28.55	.406 35.64	.500 43.39	.500 43.39	.593 50.87	.718 60.63	.812 67.76	.906 74.69	.875 72.42
9	9.625					.342 33.90			.500 48.72						
10	10.75	.134 15.190	.165 18.70	.250 28.04	.307 34.24	.365 40.48	.365 40.48	.500 54.74	.500 54.74	.593 64.33	.718 76.93	.843 89.20	1.000 104.10	1.125 115.70	
11	11.75					.375 45.55			.500 60.07						
12	12.75	.165 22.180	.180 24.20	.250 33.38	.330 43.77	.375 49.56	.406 53.52	.562 73.16	.500 65.42	.687 88.51	.843 107.20	1.000 125.50	1.125 139.70	1.312 160.30	
14	14.00		.250 36.71	.312 45.68	.375 54.57	.375 54.57	.437 63.37	.593 84.91	.500 72.09	.750 106.10	.937 130.70	1.093 150.7	1.250 170.2	1.406 189.1	
16	16.00		.250 42.05	.312 52.36	.375 62.58	.375 62.58	.500 82.77	.656 107.50	.500 82.77	.843 136.50	1.031 164.80	1.218 192.30	1.437 223.5	1.593 245.1	
18	18.00		.250 47.39	.312 59.03	.437 82.06	.375 70.58	.562 104.80	.750 138.20	.500 93.45	.937 170.90	1.156 208.00	1.375 244.10	1.562 274.20	1.781 308.50	
20	20.00		.250 52.73	.375 78.60	.500 104.10	.375 78.60	.593 122.90	.812 166.40	.500 104.10	1.031 208.90	1.280 256.10	1.500 296.40	1.750 341.10	1.968 385.60	
24	24.00		.250 63.41	.375 94.62	.562 140.80	.375 94.62	.687 171.20	.968 238.10	.500 125.50	1.218 296.40	1.531 367.40	1.812 429.40	2.062 438.10	2.343 541.90	