



SQUARE TUBE
1/2" SQ 16 GA
5/8" SQ 16GA
3/4" SQ 16GA
3/4" SQ 14 GA - 20'
3/4" SQ 14GA SS
3/4" SQ 1/8W
3/4" 1/16W ALUM
3/4" SQ 1/8W ALUM
3/8" SQ 11GA
1" SQ 16 GA - 20'
1" SQ 14 GA
1" SQ 11 GA
1" SQ .063 ALUM
1" SQ 11 GA ALUM
1" SQ 11 GA SS
1-1/4" SQ 16GA
1-1/4 SQ 14 GA
1-1/4" SQ 11 GA**
1-1/4 SQ 1/8W ALUM
1-1/4" SS SQ 1/8W
1-1/4 SQ 3/16
1-1/2" GALV
1-1/2" SQ 14 GA
1-1/2" SQ 11 GA
1-1/2" 1/8W ALUM
1-1/2" SQ 16GA SS
1-1/2" SQ 1/8W SS
1 1/2 Sq 3/16W SS
1-1/2" SQ 3/16
1-1/2" SQ 1/4
1-3/4" SQ 14GA
1-3/4" SQ 11 GA
2" SQ 16 GA
2" SQ 16 GA SS
2" SQ 14 GA
2" SQ 14 GA SS
2" SQ 12 GA
2" SQ 11GA
2" SQ 1/8W ALUM
2" SQ 11GA SS
2" SQ 3/16
2" SQ 3/16 ALUM
2" SQ 1/4
2" SQ 1/4 ALUM
2-1/2" SQ 14GA
2-1/2" SQ 1/8
2-1/2" SQ 3/16
2-1/2" SQ 1/4
3" SQ 14GA
3" SQ 1/8
3" SQ 1/8 ALUM
3" SQ 3/16
3" SQ 1/4
3" SQ 1/4 ALUM
3" SQ 5/16
3" SQ 3/8"
3-1/2" SQ 1/8
3-1/2" SQ 3/16
3-1/2" SQ 1/4
3-1/2" SQ 5/16
4" SQ 1/8
4" SQ 1/8W ALUM
4" SQ 3/16
4" SQ 1/4
4" SQ 1/4W ALUM
4" SQ 5/16
4" SQ 3/8
4" SQ 1/2
4-1/2" SQ 3/16
5" SQ 1/8
5 SQ 3/16W
5" SQ 1/4
5" SQ 5/16
5" SQ 3/8
6" SQ 3/16
6" SQ 1/4
6" SQ 5/16
6" SQ 3/8
6" SQ 1/2
7" SQ 1/4
8" SQ 3/16
8" SQ 1/4
8" SQ 5/16
8" SQ 3/8
10" SQ 1/4
12" SQ 3/8
12" SQ 3/8

RECTANGULAR TUBE
1 X 1/2 16GA
1-1/2 X 3/4 X 16GA
1-1/12 X 3/4 X 14 GA
1-1/2 X 1 X 16GA
1-1/2 X 1 X 14 GA
1-1/12 X 1 X 11 GA
1-1/2" X 1" X 1/8" ALUM
1-1/2 X 2-1/2 X 1/8 ALUM
1 X 2 X 1/8 ALUM
2 X 1 X 16GA
2 X 1 X 14 GA
2 X 1 X 11 GA
2 X 1 X 11GA SS
2" X 1-1/4" X 14GA
2 X 1-1/2 X 14GA
2 X 1-1/2 X 11GA
2 X 1-1/2 X 1/8 ALUM
2-1/2" X 1" X 14GA
2 X 4 X 1/8 ALUM
2 X 4 X 1/4 ALUM
2-1/2 X 1-1/2 X 3/16
2-1/2 X 1-1/2 X 1/8
3 X 1 X 14 GA
3 X 1 X 11 GA
3 X 1-1/2 X 14 GA
3 X 1-1/2 X 11 GA
3" X 1-1/2" X 1/8" ALUM
3 X 1-1/2 X 3/16
3 X 1-3/4 X 1/8 ALUM
3 X 2 X 14 GA
3 X 2 X 11 GA
3 X 2 X 1/8 ALUM
3 X 2 X 3/16
3 X 2 X 1/4
3 X 2 X 1/4 ALUM
3 X 2 X 5/16
3-1/2 X 2-1/2 X 3/16
3-1/2 X 2-1/2 X 1/4
4 X 2 X 14GA
4 X 2 X 1/8 ALUM
4 X 2 X 11GA SS
4 X 2 X 1/8
4 X 2 X 3/16
4 X 2 X 1/4
4 X 2 X 5/16
4 X 3 X 1/8
4 X 3 X 3/16
4 X 3 X 1/4
4 X 3 X 5/16
4 X 3 X 3/8
5 X 2 X 1/8
5 X 2 X 3/16
5 X 2 X 1/4
5 X 2 X 5/16
5 X 2-1/2 X 3/16
5 X 3 X 1/8
5 X 3 X 3/16
5 X 3 X 1/4
5 X 3 X 3/8
6 X 2 X 1/8 ALUM
6 X 2 X 1/8
6 X 2 X 3/16
6 X 2 X 1/4
6 X 2X 3/8
6 X 3 X 3/16
6 X 3 X 1/4
6 X 3 X 3/8
6 X 4 X 3/16
3 X 6 X 3/16 ALUM
6 X 4 X 1/4
6 X 4 X 3/8
6 X 4 X 1/2
7 X 5 X 3/8
8 X 2 X 1/4
8 X 3 X 3/16
8 X 3 X 1/4
8 x 4 x 3/16
8 X 4 X 1/4
8 X 4 X 3/8
8 X 6 X 3/16
8 X 6 X 1/4
8 X 6 X 3/8
10 X 2 X 3/16
10 X 4 X 1/4
10 X 6 X 1/2
12 X 2 X 3/16

BLACK PIPE / ELECTRIC-WELD
1/4" SCH 40
3/8" SCH 40
1/2" OD 18 GA WALL .049
1/2" OD 16GA EW
1/2" SCH 40
1/2" SCH 40 ALUM
5/8 OD .063
5/8" EW .083
3/4" OD EW 16GA
3/4 OD 14 GA EW
3/4 OD 13 GA EW .095WALL
3/4" OD 11 GA EW
3/4" SCH 40
3/4" SCH 40 GALV
3/4" SCH 80
7/8" OD 16GA EW
7/8" OD 14 GA EW
7/8" .095
7/8 OD 11GA EW
1" OD .063 WALL SS
1" OD .065 WALL
1" OD .095 EW
1" OD 14 GA EW
1" OD 13 GA WALL
1" OD 11 GA WALL EW
1" DOM 1/8W
3/4" SCH 40 ALUM
1" SCH 40
1" SCH 40 ALUM
1-1/8" OD 11 GA EW
1-1/8" .063
1-1/4" 16 GA EW
1-1/4 .083
1-1/4 13 GA EW
1-1/4" OD 11 GA EW
1-1/4" OD 16 GA SS
1-1/4" GALV
1-1/2 OD 10GA .134
1-1/4" SCH 40
1-1/4" SCH 40 ALUM
1-1/4" SCH 80
1-1/4" SCH 160 1/4 W
1-1/4" LW RAIL PIPE .109W
1-1/2" OD 13 GA
1-1/2" LW RAIL PIPE
1-1/2" OD 11 GA EW
1-1/2 OD SS POLISHED 180 16GA
1-1/2" .065 W EW Tube
1-1/2" SCH 40
1-1/2" SCH 40 GALV
1-1/2" SCH 40 ALUM
1-1/2" SCH 80 PIPE
1-5/8" OD 11GA EW
1-5/8" .134 EW
1-5/8" 16 GA SS
1-5/8 13GA 095 HRPO
1-3/4" OD .065 W EW
1-3/4" OD .095 W
1-3/4 OD 11 GA
1.9 OD .065 SS
2" OD EW 14GA 083
2" OD .073 EW
2" OD .095
2" OD .625 W
2" OD 11 GA EW
2" SCH 40
2" SCH 40 GALV
2" SCH 40 ALUM
2" SCH 80
2-1/2" OD 11 GA
2-1/2" SCH 40
2-1/2" SCH 80
3" OD EW .120
3" SCH 40
3" SCH 40 GALV
3" SCH 80
3-1/2" SCH 40
3-1/2" SCH 40 GALV
3-1/2" SCH 80
4" OD EW .120
4" SCH 40
4" SCH 40 GALV
4" SCH 80
4" XX HEAVY
5" SCH 40
5" SCH 80
5" SCH 80 SEAMLESS
6" OD EW .120 WALL
6" SCH 10
6" SCH .188 W
6" SCH 40
6" SCH 40 GALV
6" SCH 80
6" SCH 80 SEAMLESS
8" SCH .188 W
8" SCH 40
8" SCH 80
8" SCH 80 SEAMLESS
8" SCH 10 .188W
10" SCH 40
12" SCH 40

DOM
1/2" DOM .058W
1/2" OD .120W
5/8" DOM 11GA
7/8" .156 W DOM
7/8" DOM 1/8W
7/8 DOM 1/4W
3/4" OD .083W DOM
3/4" DOM 11 GA
3/4" DOM .109W 12GA
7/8" DOM 5/32W
1" DOM 13GA .095
1" DOM 11GA
1" DOM 1/8W
1" DOM 3/16"W
1" DOM 7GA
1" OD 1/4 W DOM
1-1/16" DOM
1-1/8" 13 GA DOM
1-1/8" DOM 1/8W
1-1/4 DOM .095
1-1/4 DOM 1/8 W
1-1/4 DOM 3/16
1-1/4 DOM 1/4W
1-1/4 OD 11 GA DOM
1-1/2" .095 DOM
1-1/2" 7/32W
1-1/2 OD DOM 1/4 W
1-1/2" OD 11GA DOM
1-3/4" DOM .095
1-3/4 DOM .120W
1-3/4" DOM .134W
1-3/4 DOM 3/16W
1-3/4 DOM 1/4W
1-3/4" 9/32W
1-3/8 OD 3/8W DOM
1-3/8 DOM 11GA
1-3/8" DOM 10GA
1-3/8 DOM 3/16
1-5/8 DOM 11GA W
1-5/8" DOM .134W
1-5/8 DOM 3/16 W
1-5/8" OD DOM 1/4W
1-5/8" OD DOM 9/32
1-7/8" OD 11 GA DOM
1-7/8" DOM 9/32W
1-7/8" OD DOM 1/4W
1-5/16 DOM 095
2" DOM 1/16
2" DOM .120
2" DOM 3/16" W
2" DOM 7/32W
2" OD 1/4 W DOM
2" OD 1/2"W 1" ID
2" DOM 9/32W
2" DOM 5/16" W
2" OD 11/32 W
2" OD 1/2W 1ID
2-1/8 DOM 1/8W
2-1/8" DOM 9/32W
2-1/8" DOM 5/16W
2-1/4" OD DOM 9/32W
2-1/4 OD 11/32W
2-1/4" OD 3/8 W DOM
2-1/2 OD 11GA DOM
2-1/2" DOM 7/32 W
2-1/2" DOM 1/4W
2-3/4" OD 1/4W
2-3/8" DOM 1/4W
2-7/8 OD 9/32 W DOM
3 OD .120 DOM
3" DOM 1/2W

WIRE	DETAILS
ER70S6	
Diameters .023,.030, .035, and .045	
2, 12, or 33 # spools	
E71T-11	
Diameters .023,.030, .035, and .045	
Welding Rod	
5# ROD - 6011/6013/7014/7018	
10# ROD - 6011/6013/7014/7018	
50# ROD - 6011/6013/7014/7018	
Filler Rod - 3'	
70S-2	Mild Steel
308L	SS
4043	Aluminum
5356	Aluminum (little higher strength)
Brazing Rod - Flux Coated	LFBFC
RG45	Torch Welding
RG60	Torch Welding
Magnesium Rod	Tig Welding Magneisum
Silicon Bronze	Brass/Bronze/Steel Tig Welding
Tungsten	Tig Welding
Stick	
55	
99	
308L	
E11018	
2000	
2400	
4000	
5000	
Hobart - Hard Surfacing Rod	
6000	
6022 - Deck Rod	
Spool	
308L	2# spool
4043	1# spool
5356	33# spool
7100 - Dual Shield	33# spool structural welding
Fab Tuff 960	30# spool Hardsurfacing

MISC. & ROLLER CHAIN
3/4 EXP FLAT 5' X 10'
1/2 EXP FLAT 4' X 8'
3/4 X 6 BEVELED EDGE
5/8 X 6 BEVELED EDGE
1/2 X 4 BEVELED EDGE
1 X 8 BEVELED EDGE
BAR GRATE
GRANITE FACTORY
6" PIPE BALLARDS
14" GRINDING DISCS
ROLLER CHAIN(10' BOX)
25
35
40
41
42
43
50
60
80
100
120
140
160
180
200
240
SHOP
MOBILE
CRANE
3/4" X 12" ANCHOR BOLTS 8.00
3/4" X 18" ANCHOR BOLTS 8.50
GRATES 39.00 SQ FT
ADD 210.00 TO GRATE FOR HATCH
LADDERS 110.00 PER FT
2" X 11" 14GA GRIP STRUT PLANK 10'
PRY BARS
48" #41
BLACK
SILVER BAR
2 LARGE SKIDS 1" X 6"
2 SMALL SKIDS 3/4" X 5"
3/8" AR400 4' X 8'
3/16 AR400 4' X 8'
Receivers
12"
18"
24"
small D - rings
3" X 3" X 1/4" I GALV
ER70S6
0.023
0.030
0.035
2# FLUXCORE
10# FLUXCORE
5# ROD
50# ROD
2# STAINLESS
UNI 4000
UNI 6000
UNI 7018
UNI 7014
UNI 6013
UNI 6011



Nominal Size	Weight per Ft. Lbs.	Depth Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W 4 x	13.0	4.16	4.060	0.371	0.280
W 5 x	16.0	5.01	5.000	0.360	0.240
	19.0	5.15	5.030	0.430	0.270
W 6 x	9.0	5.90	3.940	0.215	0.170
	12.0	6.03	4.000	0.280	0.230
	15.0	5.99	5.990	0.260	0.230
	16.0	6.28	4.030	0.405	0.260
	20.0	6.20	6.020	0.360	0.260
W 8 x	25.0	6.38	6.080	0.455	0.320
	10.0	7.89	3.940	0.205	0.170
	13.0	7.99	4.000	0.255	0.230
	15.0	8.11	4.015	0.315	0.245
	18.0	8.14	5.250	0.330	0.230
	21.0	8.28	5.270	0.400	0.250
	24.0	7.93	6.495	0.400	0.245
	28.0	8.06	6.535	0.465	0.285
	31.0	8.00	7.995	0.435	0.285
	35.0	8.12	8.020	0.495	0.310
W10 x	40.0	8.25	8.070	0.560	0.360
	48.0	8.50	8.110	0.685	0.400
	58.0	8.75	8.220	0.810	0.510
	67.0	9.00	8.280	0.935	0.570
	12.0	9.87	3.960	0.210	0.190
	15.0	9.99	4.000	0.270	0.230
	17.0	10.11	4.010	0.330	0.240
	19.0	10.24	4.020	0.395	0.250
	22.0	10.17	5.750	0.360	0.240
	26.0	10.33	5.770	0.440	0.260
W12 x	30.0	10.47	5.810	0.510	0.300
	33.0	9.73	7.960	0.435	0.290
	39.0	9.92	7.985	0.530	0.315
	45.0	10.10	8.020	0.620	0.350
	49.0	9.98	10.000	0.560	0.340

Nominal Size	Weight per Ft. Lbs.	Depth Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W10 x	54.0	10.09	10.300	0.615	0.370
	60.0	10.22	10.080	0.680	0.420
	68.0	10.40	10.130	0.770	0.470
	77.0	10.60	10.190	0.870	0.530
	88.0	10.84	10.265	0.990	0.605
	100.0	11.10	10.340	1.120	0.680
W12 x	112.0	11.36	10.415	1.250	0.755
	14.0	11.91	3.970	0.225	0.200
	16.0	11.99	3.990	0.265	0.220
	19.0	12.16	4.005	0.350	0.235
	22.0	12.31	4.030	0.425	0.260
	26.0	12.22	6.490	0.380	0.230
	30.0	12.34	6.520	0.440	0.260
	35.0	12.50	6.560	0.520	0.300
	40.0	11.94	8.005	0.515	0.295
	45.0	12.06	8.045	0.575	0.335
W14 x	50.0	12.19	8.080	0.640	0.370
	53.0	12.06	9.995	0.575	0.345
	58.0	12.19	10.010	0.640	0.360
	65.0	12.12	12.000	0.605	0.390
	72.0	12.25	12.040	0.670	0.430
	79.0	12.38	12.080	0.735	0.470
	87.0	12.53	12.125	0.810	0.515
	96.0	12.71	12.160	0.900	0.550
	106.0	12.89	12.220	0.990	0.610
	120.0	13.12	12.320	1.105	0.710
W14 x	136.0	13.41	12.400	1.250	0.790
	190.0	14.38	12.670	1.735	1.060
	22.0	13.74	5.000	0.335	0.230
	26.0	13.91	5.025	0.420	0.255
	30.0	13.84	6.730	0.385	0.270
	34.0	13.98	6.745	0.455	0.285
	38.0	14.10	6.770	0.515	0.310
	43.0	13.66	7.995	0.530	0.305
48.0	13.79	8.030	0.595	0.340	

Nominal Size	Weight per Ft. Lbs.	Depth Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W 14 x	53.0	13.92	8.060	0.658	0.370
	61.0	13.89	9.995	0.645	0.375
	68.0	14.04	10.035	0.720	0.415
	74.0	14.17	10.070	0.785	0.450
	82.0	14.31	10.130	0.855	0.510
	90.0	14.02	14.520	0.710	0.440
	99.0	14.16	14.565	0.780	0.485
	109.0	14.32	14.605	0.860	0.525
	120.0	14.48	14.670	0.940	0.590
	W 16 x	26.0	15.69	5.500	0.345
31.0		15.88	5.525	0.440	0.275
36.0		15.86	6.985	0.430	0.295
40.0		16.01	6.995	0.505	0.305
45.0		16.13	7.035	0.565	0.345
50.0		16.26	7.070	0.630	0.380
57.0		16.43	7.120	0.715	0.430
67.0		16.33	10.235	0.665	0.395
77.0		16.52	10.295	0.760	0.455
89.0		16.75	10.365	0.875	0.525
W 18 x	100.0	16.97	10.425	0.985	0.585
	35.0	17.70	6.000	0.425	0.300
	40.0	17.90	6.015	0.525	0.315
	46.0	18.06	6.060	0.605	0.360
	50.0	17.99	7.495	0.570	0.355
	55.0	18.11	7.530	0.630	0.390
	60.0	18.24	7.555	0.695	0.415
	65.0	18.35	7.590	0.750	0.450
	71.0	18.47	7.635	0.810	0.495
	76.0	18.21	11.035	0.680	0.425
W 21 x	86.0	18.39	11.090	0.770	0.480
	97.0	18.59	11.145	0.870	0.535
	106.0	18.73	11.200	0.940	0.590
	119.0	18.97	11.265	1.060	0.655

Nominal Size	Weight per Ft. Lbs.	Depth Section Inches	Flange		Web Thickness Inches
			Width Inches	Thickness Inches	
W21 x	50.0	20.83	6.530	0.535	0.380
	57.0	21.06	6.555	0.650	0.405
	62.0	20.99	8.240	0.615	0.400
	68.0	21.13	8.270	0.685	0.430
	73.0	21.24	8.295	0.740	0.455
	83.0	21.43	8.355	0.835	0.515
	93.0	21.62	8.420	0.930	0.580
	101.0	21.36	12.290	0.800	0.500
	111.0	21.51	12.340	0.875	0.550
	132.0	21.83	12.440	1.035	0.650
W24 x	147.0	22.06	12.510	1.150	0.720
	55.0	23.57	7.005	0.505	0.395
	62.0	23.74	7.040	0.590	0.430
	68.0	23.73	8.965	0.585	0.415
	76.0	23.92	8.990	0.680	0.440
	84.0	24.10	9.020	0.770	0.470
	94.0	24.31	9.065	0.875	0.515
	104.0	24.06	12.750	0.750	0.500
W27 x	117.0	24.26	12.800	0.850	0.550
	131.0	24.48	12.855	0.960	0.605
	146.0	24.74	12.900	1.090	0.650
	84.0	26.71	9.960	0.640	0.460
	94.0	26.92	9.990	0.745	0.490
	102.0	27.09	10.015	0.830	0.515
W30 x	114.0	27.29	10.070	0.930	0.570
	146.0	27.38	13.965	0.975	0.605
	99.0	29.65	10.450	0.670	0.520
	108.0	29.83	10.475	0.760	0.545
	116.0	30.01	10.495	0.850	0.565
	124.0	30.17	10.515	0.930	0.585
	132.0	30.31	10.545	1.000	0.615
	173.0	30.44	14.985	1.065	0.655
W30 x	191.0	30.68	15.040	1.180	0.710
	211.0	30.94	15.105	1.315	0.775