

A photograph of a welder working on a large metal structure, with a massive spray of bright orange and yellow sparks erupting from the point of contact. The welder is wearing a blue protective helmet. The scene is set in an industrial environment.

***2018
Reference
Guide***

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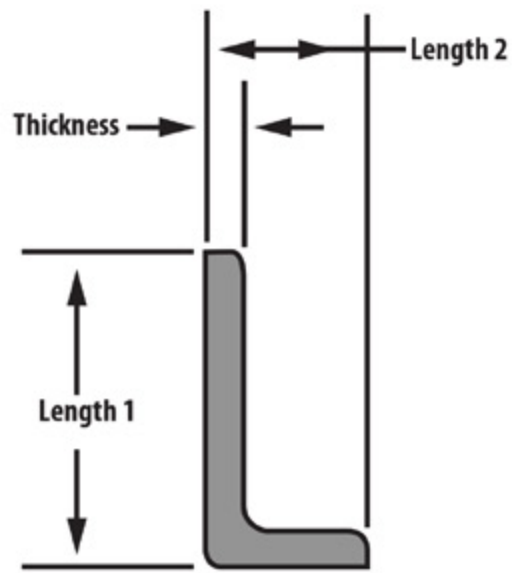
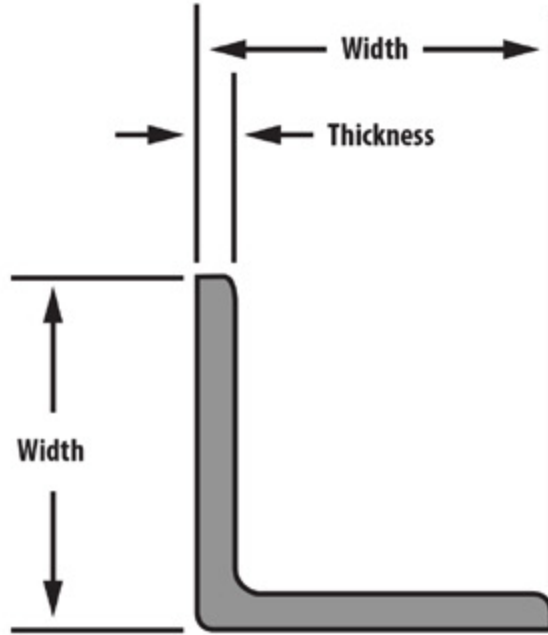
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ANGLE

- **Bar Size**
- **Structural**



ANGLE



BAR ANGLES 20' LENGTHS

Size (In.)		Lbs. per Ft.	
1/2 x 1/2	x	1/8	0.38
3/4 x 3/4	x	1/8	0.59
1 x 1	x	1/8	.80
	x	3/16	1.16
	x	1/4	1.49
1-1/4 x 1-1/4	x	1/8	1.01
	x	3/16	1.48
	x	1/4	1.92
1-1/2 x 1-1/2	x	1/8	1.23
	x	3/16	1.80
	x	1/4	2.34
1-3/4 x 1-3/4	x	3/16	2.12
	x	1/4	2.77
2 x 2	x	1/8	1.65
	x	3/16	2.44
	x	1/4	3.19

BAR ANGLES 20' LENGTHS

Size (In.)			Lbs. per Ft.
2 x 2	x	3/8	4.70
<hr/>			
2-1/2 x 2-1/2	x	3/16	3.07
		1/4	4.10
		3/8	5.90

STRUCTURAL ANGLES 20' LENGTHS

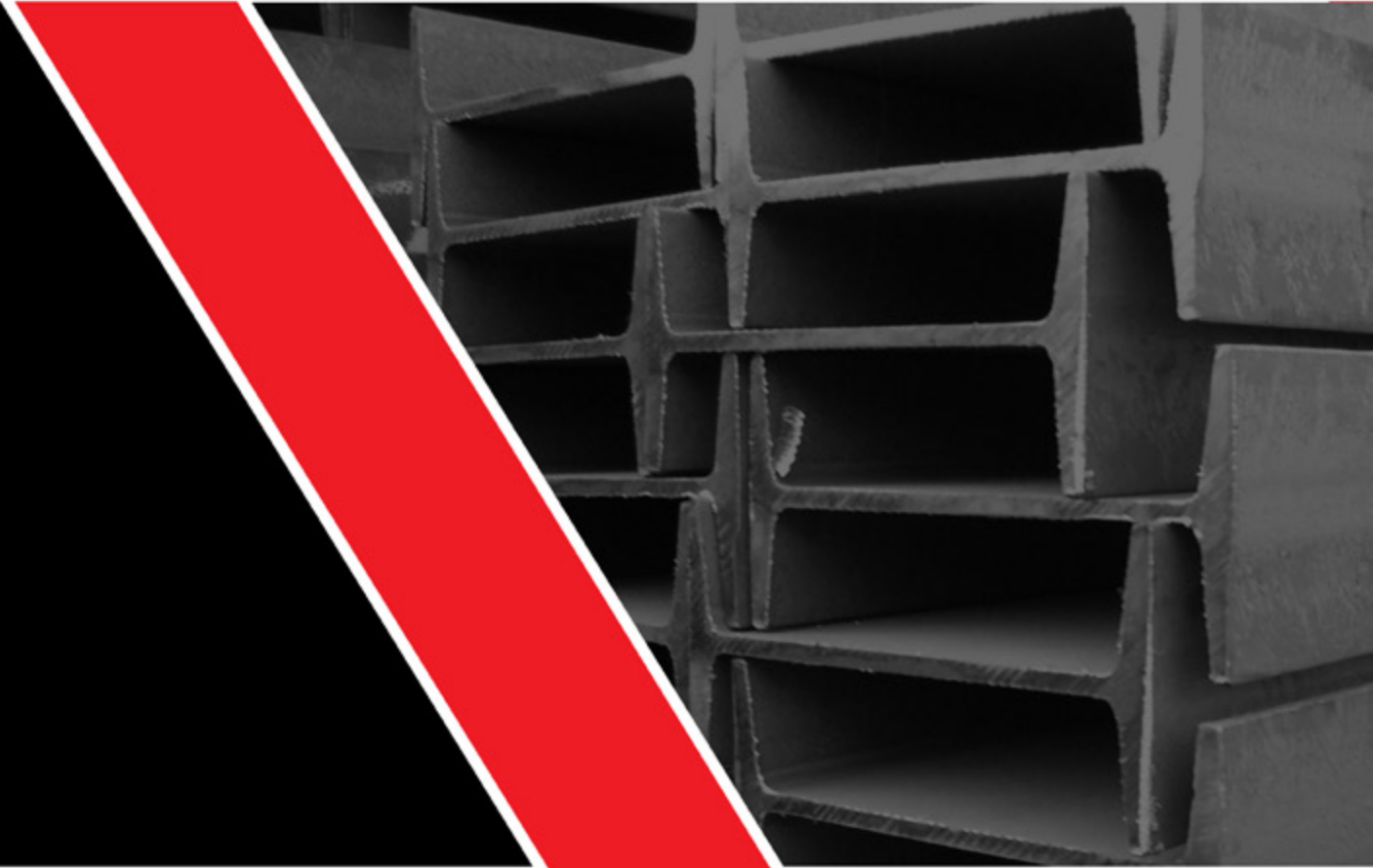
Size (In.)			Lbs. per Ft.
3 x 2	x	3/16	3.1
	x	1/4	4.1
	x	3/8	5.9
<hr/>			
3 x 3	x	3/16	3.7
	x	1/4	4.9
	x	3/8	7.2
	x	1/2	9.4
<hr/>			
3 1/2 x 3 1/2	x	1/4	5.8
	x	3/8	8.5
	x	1/2	11.1

STRUCTURAL ANGLES 20' LENGTHS

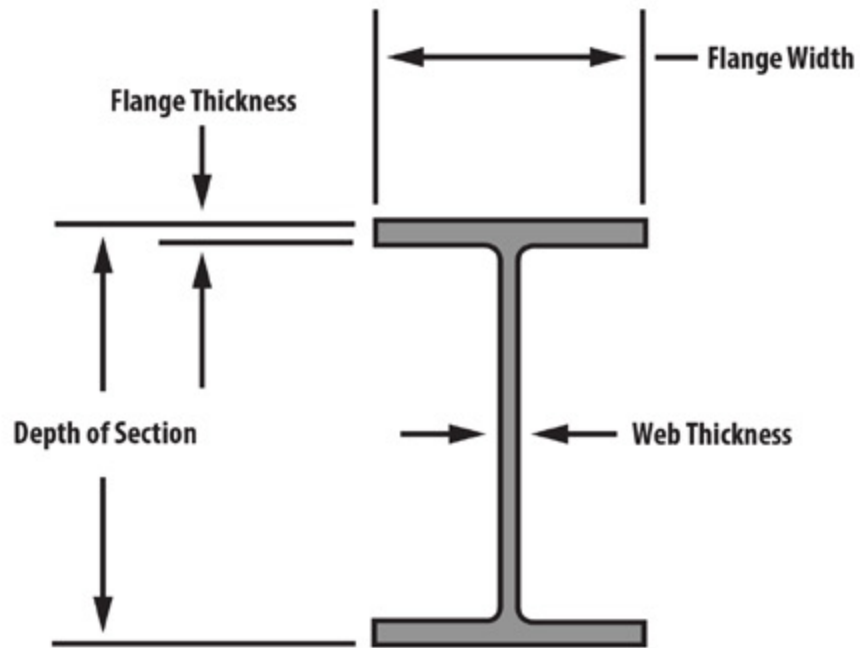
Size (In.)		Lbs. per Ft.	
4 x 3	x	1/4	5.8
	x	3/8	8.5
4 x 4	x	1/4	6.6
	x	3/8	9.8
	x	1/2	12.8
5 x 3 1/2	x	1/4	7.0
6 x 6	x	3/8	14.9
	x	1/2	19.6

BEAM

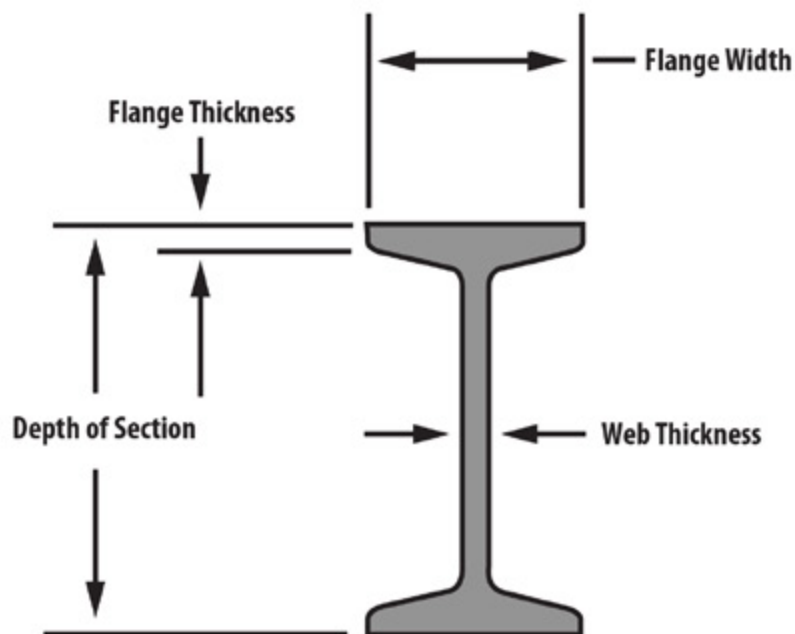
- **Standard**
- **Wide Flange**



WIDE FLANGE BEAMS



I-BEAMS



WIDE FLANGE BEAMS 40' and 50' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
4 x 4	13	4.160	4.060	0.345	0.280
6 x 6	15	5.990	5.990	0.260	0.230
	20	6.200	6.020	0.365	0.260
	25	6.380	6.080	0.455	0.320
8 x 4	10	7.890	3.940	0.205	0.170
	15	8.110	4.015	0.315	0.245
8 x 5 1/4	18	8.140	5.250	0.330	0.230
	21	8.280	5.270	0.400	0.250
8 x 6 1/2	24	7.930	6.495	0.400	0.245
	28	8.060	6.535	0.465	0.285
8 x 8	31	8.000	7.995	0.435	0.285
	35	8.120	8.020	0.495	0.310
	40	8.250	8.070	0.560	0.360
	48	8.500	8.110	0.685	0.400
	58	8.750	8.220	0.810	0.510

WIDE FLANGE BEAMS 40' and 50' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
8 x 8	67	9.00	8.280	0.935	0.570
10 x 4	15	9.990	4.000	0.270	0.230
	17	10.110	4.010	0.330	0.240
	19	10.240	4.020	0.395	0.250
10 x 5 3/4	22	10.170	5.750	0.360	0.240
	26	10.330	5.770	0.440	0.260
	30	10.470	5.810	0.510	0.300
10 x 8	33	9.730	7.960	0.435	0.290
	39	9.920	7.985	0.530	0.315
	45	10.100	8.020	0.620	0.350
10 x 10	49	9.980	10.000	0.560	0.340
	54	10.090	10.030	0.615	0.370
	60	10.220	10.080	0.680	0.420
	68	10.400	10.130	0.770	0.470
	77	10.600	10.190	0.870	0.530
	88	10.840	10.265	0.990	0.605
	100	11.100	10.340	1.120	0.680
	112	11.360	10.415	1.250	0.755

WIDE FLANGE BEAMS 40' and 50' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
12 x 4	14	11.910	3.970	0.225	0.200
	16	11.990	3.990	0.265	0.220
	19	12.160	4.005	0.350	0.235
	22	12.310	4.030	0.425	0.260
12 x 6 1/2	26	12.220	6.490	0.380	0.230
	30	12.340	6.520	0.440	0.260
	35	12.500	6.560	0.520	0.300
12 x 8	40	11.940	8.005	0.515	0.295
	45	12.060	8.045	0.575	0.335
	50	12.190	8.080	0.640	0.370
12 x 10	53	12.060	9.995	0.575	0.345
	58	12.190	10.010	0.640	0.360
12 x 12	65	12.120	12.000	0.605	0.390
	72	12.250	12.040	0.670	0.430
	79	12.380	12.080	0.735	0.470
	87	12.530	12.125	0.810	0.515
	96	12.710	12.160	0.900	0.550
	106	12.890	12.220	0.990	0.610
	120	13.120	12.320	1.105	0.710

WIDE FLANGE BEAMS 40' and 50' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
12 x 12	136	13.410	12.400	1.250	0.790
	152	13.710	12.480	1.400	0.870
	170	14.030	12.570	1.560	0.960
	190	14.380	12.670	1.735	1.060
14 x 5	22	13.740	5.000	0.335	0.230
	26	13.910	5.025	0.420	0.255
14 x 6 3/4	30	13.840	6.730	0.385	0.270
	34	13.980	6.745	0.455	0.285
	38	14.100	6.770	0.515	0.310
14 x 8	43	13.660	7.995	0.530	0.305
	48	13.790	8.030	0.595	0.340
	53	13.920	8.060	0.660	0.370
16 x 5 1/2	26	15.690	5.500	0.345	0.250
	31	15.880	5.525	0.440	0.275
16 x 7	36	15.860	6.985	0.430	0.295
	40	16.010	6.995	0.505	0.305
	45	16.130	7.035	0.565	0.345

WIDE FLANGE BEAMS 40' and 50' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
16 x 10 1/4	67	16.330	10.235	0.665	0.395
	77	16.520	10.295	0.760	0.455
	89	16.750	10.365	0.875	0.525
	100	16.970	10.425	0.985	0.585
18 x 6	35	17.700	6.000	0.425	0.300
	40	17.900	6.015	0.525	0.315
	46	18.060	6.060	0.605	0.360

I - BEAMS 20' LENGTHS

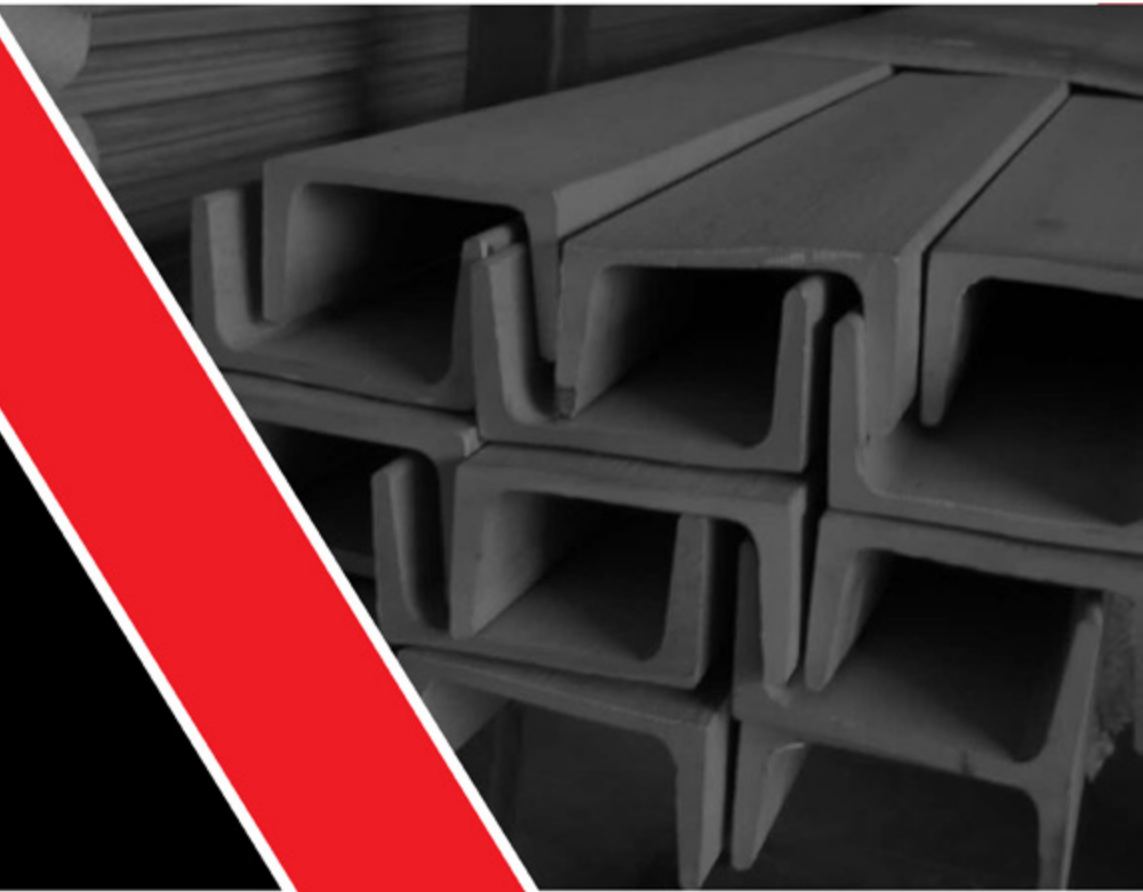
Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thickness(in.)	
I 3	5.7	3.000	2.33	.170	
I 4	7.7	4.000	2.66	.190	
I 5	10	5.000	3.000	.210	
I 6	12.5	6.000	3.33	.230	

JUNIOR BEAMS 20' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange Width(in.)	Web Thickness(in.)
6	4.4	6	1.84	.114
8	6.5	8	2.28	.135
10	9.0	10	2.69	.155
12	11.8	12	3.06	.175

CHANNEL

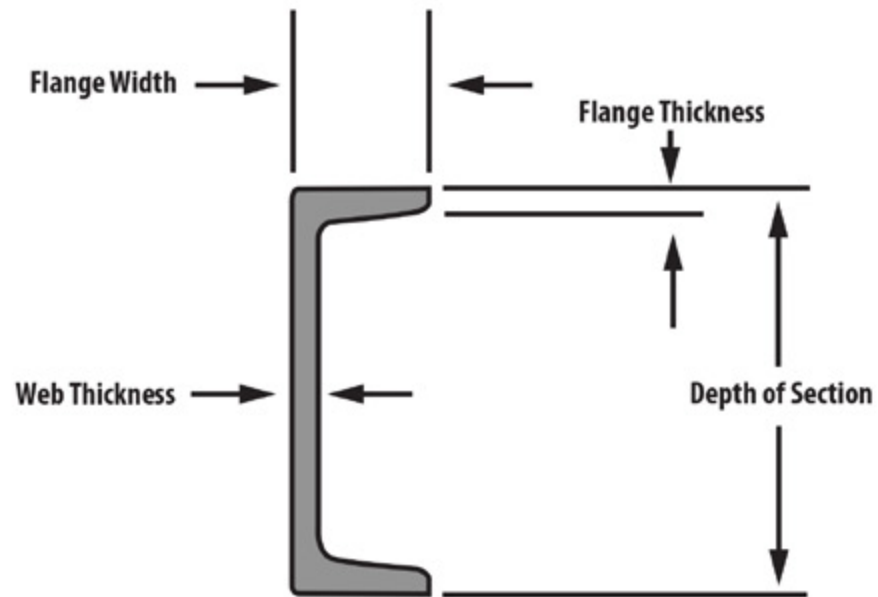
- **Bar**
- **Junior**
- **Miscellaneous**
- **Structural**



CHANNEL



CHANNEL



BAR CHANNELS 20' LENGTHS

	Size (In.)		Lbs. per Ft.
1	1/2	1/8	0.88
1 1/2	1/2	1/8	1.12
2	1/2	1/8	1.33
2	1	1/8	1.78
2	1	3/16	2.57

STRUCTURAL CHANNELS 20' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thick(in.)	
C3	4.1	3	1 3/8	1/4	3/16
C4	5.4	4	1 5/8	5/16	3/16
C5	6.7	5	1 3/4	5/16	3/16
C6	8.2	6	1 7/8	5/16	3/16
C7	9.8	7	2 1/8	3/8	3/16

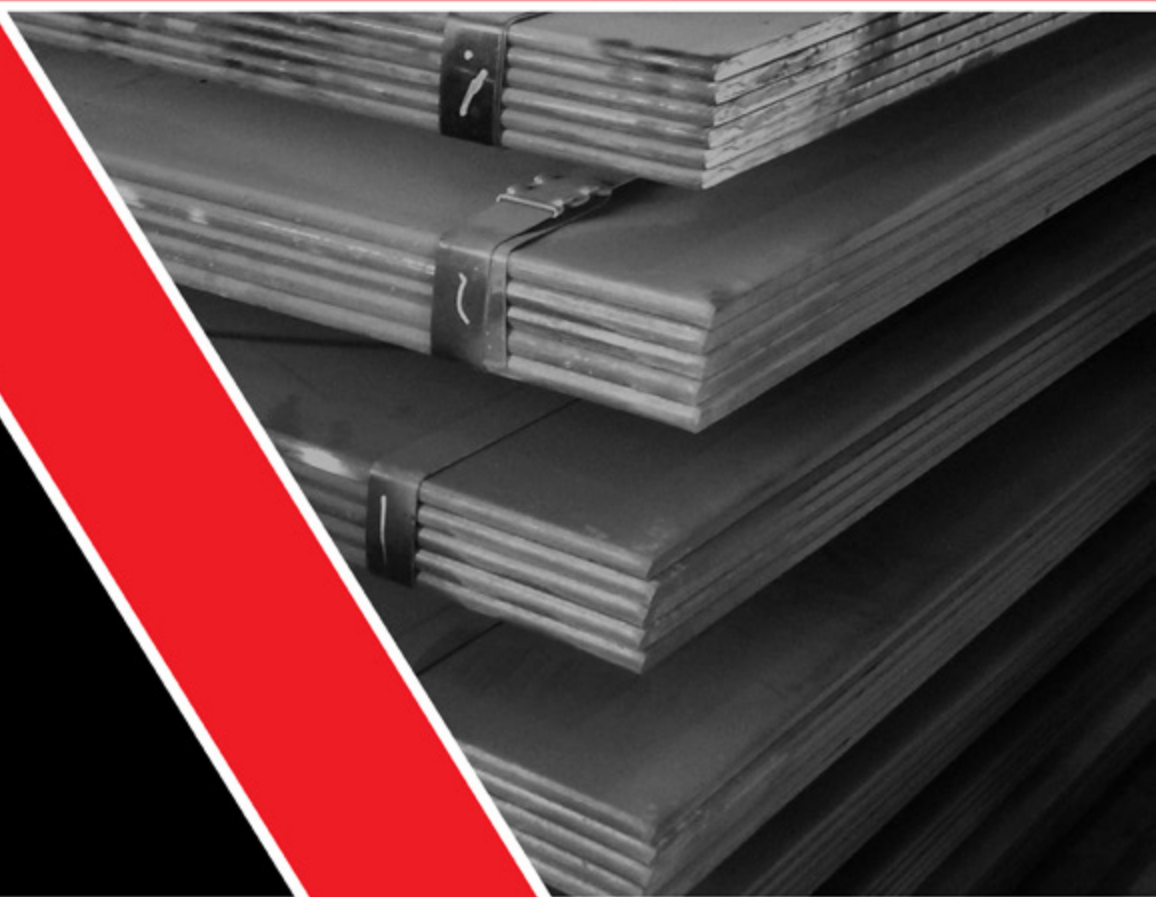
STRUCTURAL CHANNELS 20' LENGTHS

Section Number	Lbs. per Ft.	Depth of Section(in.)	Flange		Web Thickness(in.)
			Width(in.)	Thick(in.)	
C8	11.5	8	2 1/4	3/8	1/4
C9	13.4	9	2 3/8	7/16	1/4
C10	15.3	10	2 5/8	7/16	1/4
C12	20.7	12	3	1/2	5/16
C15	33.9	15	3 3/8	5/8	3/8

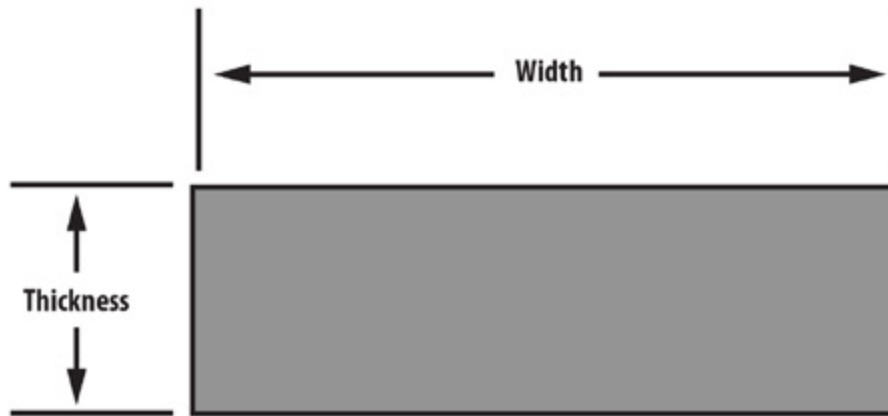
STRINGER CHANNELS 20' LENGTHS

Depth	Lbs. per Ft.	Flange Width (in.)	Web Thickness(in.)
8	8.5	1.875	0.180
10	8.4	1.500	0.170
12	10.6	1.500	0.190

SHEETS & PLATES



FLAT





HOT ROLLED P+O FLAT STOCK 12' LENGTHS

Thickness	Width	Weight per Ft.
1/8	1/2 "	.213
	3/4"	.319
	1"	.425
	1-1/4"	.531
	1-1/2"	.638
	2"	.850
	2-1/2"	1.06
	3"	1.28
	3-1/2"	1.49
	4"	1.70
<hr/>		
3/16	1/2 "	.319
	3/4"	.478
	1"	.638
	1-1/4"	.797
	1-1/2"	.56
	2"	1.28
	2-1/2"	1.59
	3"	1.91
	3-1/2"	2.23
	4"	2.55



H.R. FLATS 20' LENGTHS

Thickness	Width	Lbs. per Ft.
1/4	1/2	0.425
	3/4	0.638
	1	0.850
	1-1/4	1.06
	1-1/2	1.28
	2	1.70
	2-1/2	2.13
	3	2.55
	3-1/2	2.98
	4	3.40
	5	4.25
6	5.10	
3/8	3/4	0.956
	1	1.28
	1-1/4	1.59
	1-1/2	1.91
	2	2.55
	2-1/2	3.19
	3	3.83
	3-1/2	4.46
	4	5.10
	5	6.38
	6	7.65
8	10.20	



H.R. FLATS 20' LENGTHS

Thickness	Width	Lbs. per Ft.
1/2	3/4	1.28
	1	1.70
	1-1/4	2.13
	1-1/2	2.55
	2	3.40
	2-1/2	4.25
	3	5.10
	3-1/2	5.95
	4	6.80
	5	8.50
	6	10.20
8	13.60	
3/4	1	2.55
	1-1/2	3.83
	2	5.10
	2-1/2	6.38
	3	7.65
	3-1/2	8.93
	4	10.20
	5	12.75
	6	15.30
8	20.40	

H.R. FLATS 20' LENGTHS

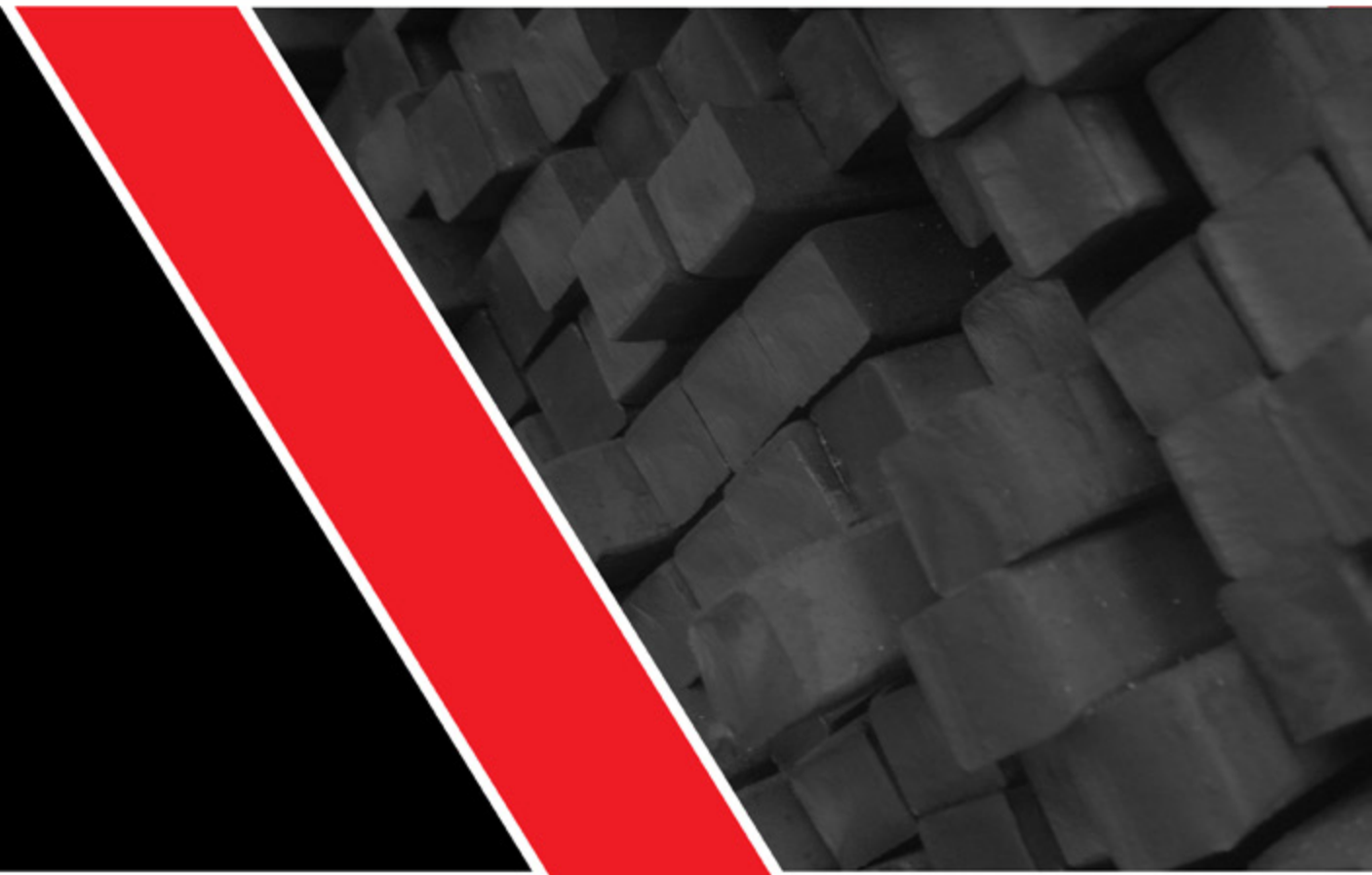
Thickness	Width	Lbs. per Ft.
1	1-1/2	5.10
	2	6.80
	2-1/2	8.50
	3	10.20
	3.5	11.90
	4	13.60
	5	17.00
	6	20.40
8	27.20	

UM PLATE

Width (in.)	Thickness (in.)	Lbs. per Ft.
10	3/8	12.76
	1/2	17.02
	3/4	25.52
	1	34.03
12	3/8	15.31
	1/2	20.42
	3/4	30.63
	1	40.84

H.R. BAR

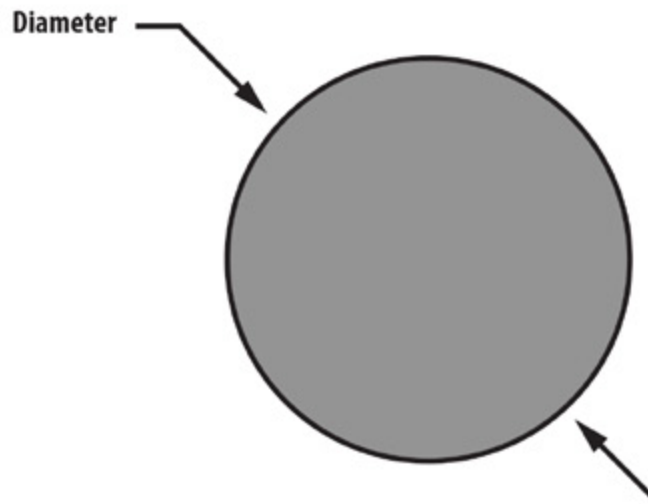
- **Rounds**
- **Squares**



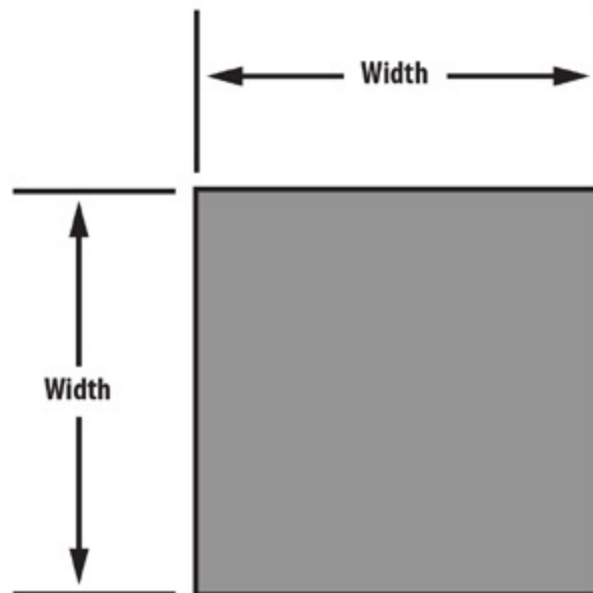
H.R. BAR



HR ROUND



HR SQUARES



H.R. ROUNDS 20' LENGTHS

Diameter (in.)	Lbs. per Ft.
1/4	0.1669
5/16	0.2608
3/8	0.3755
1/2	0.6676
5/8	1.0431
3/4	1.5021
7/8	2.0445
1	2.6704
1-1/4	4.1724
1-3/8	5.0486
1-1/2	6.0083

H.R. ROUNDS 20' LENGTHS

Diameter (in.)	Lbs. per Ft.
1-3/4	8.1780
2	10.6814
3	24.0330

H.R. SQUARES 20' LENGTHS

Size (in.)	Lbs. per Ft.
3/8	0.478
1/2	0.850
5/8	1.33
3/4	1.91
7/8	2.60
1	3.40
1-1/4	5.31

H.R. SQUARES 20' LENGTHS

Size (in.)	Lbs. per Ft.
3/8	0.478
1/2	0.850
5/8	1.33
3/4	1.91
7/8	2.60
1	3.40
1-1/4	5.31
1-1/2	7.65
1-3/4	10.41
2	13.60

H.R. BAR



H.R. SQUARES 20' LENGTHS

Size (in.)	Lbs. per Ft.
1-1/2	7.65
1-3/4	10.41
2	13.60

C.R. BAR

- **Rounds**
- **Squares**



ROUND STOCK 12' LENGTHS

Thickness	Weight Per Foot
1/8	.042
3/16	.094
1/4	.167
5/16	.261
3/8	.376
7/16	.511
1/2	.668
9/16	.845
5/8	1.043
1 1/16	1.262
3/4	1.502
7/8	2.045
15/16	2.347
1	2.67
1 1/16	3.03
1 1/8	3.38
1 1/4	4.172
1 5/16	4.60
1 3/8	5.049
1 1/2	6.008
1 5/8	7.051
1 3/4	8.178
1 7/8	9.39
1 15/16	10.02

ROUND STOCK 12' LENGTHS

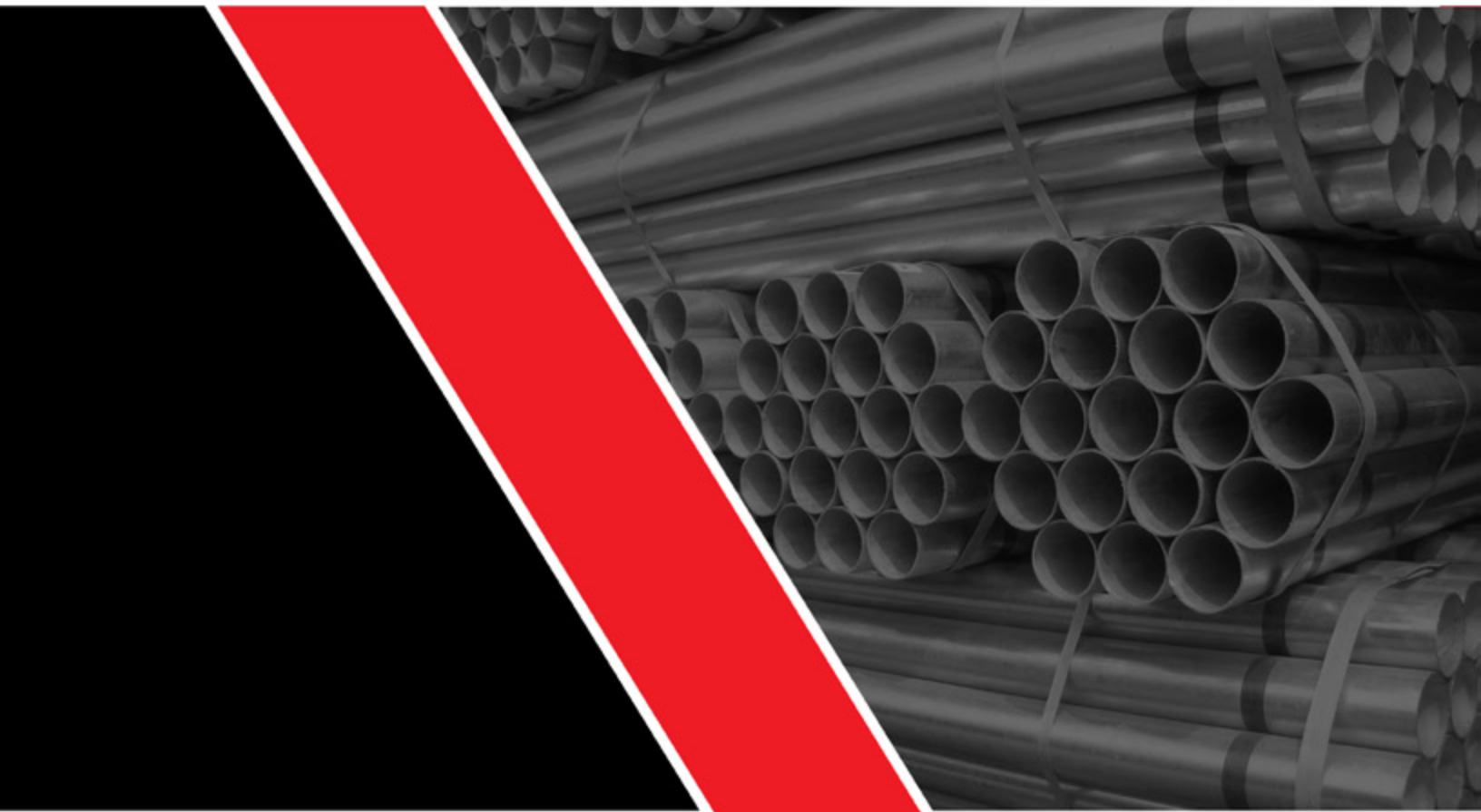
Thickness	Weight Per Foot
2	10.63
2 1/4	13.52
2 1/2	16.69
3	24.03
3 1/2	32.71
4	42.73
5	66.76
6	96.13

SQUARE STOCK 12' LENGTHS

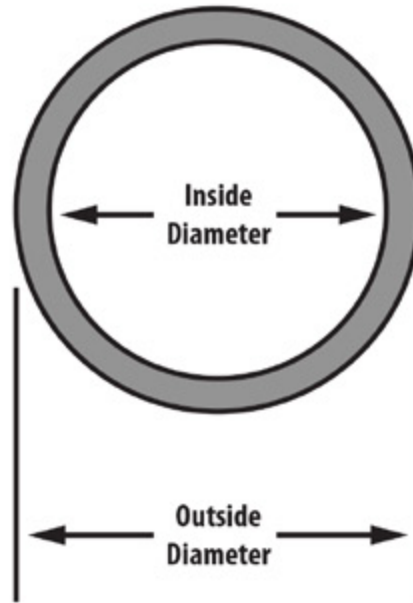
Thickness	Weight Per Foot
3/16	.120
1/4	.213
5/16	.332
3/8	.478
1/2	.850
5/8	1.329
3/4	1.914
7/8	2.605
1	3.402
1 1/2	7.655
2	13.6

PIPE

- **Structural**
- **A53**



PIPE

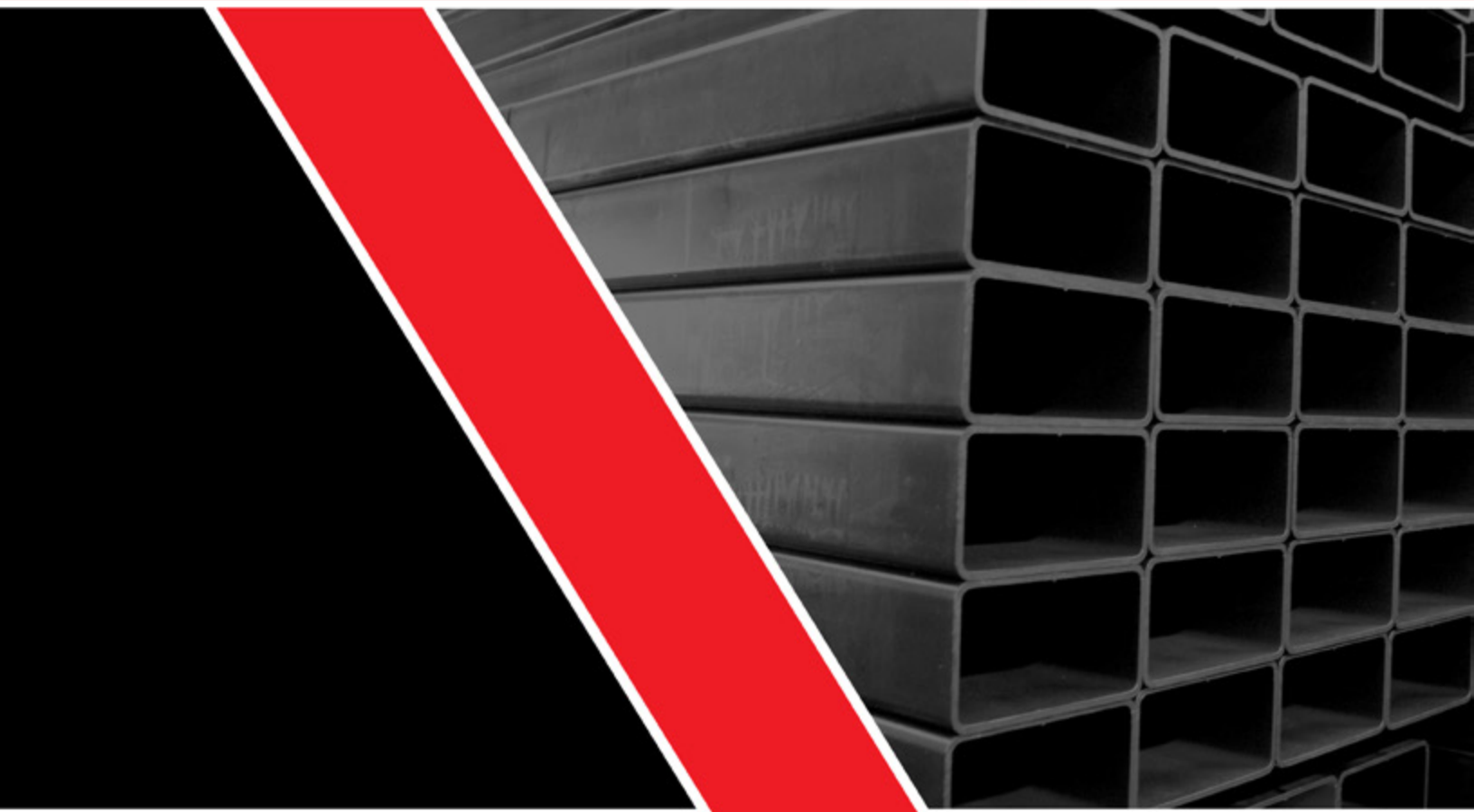


PIPE 21' LENGTHS

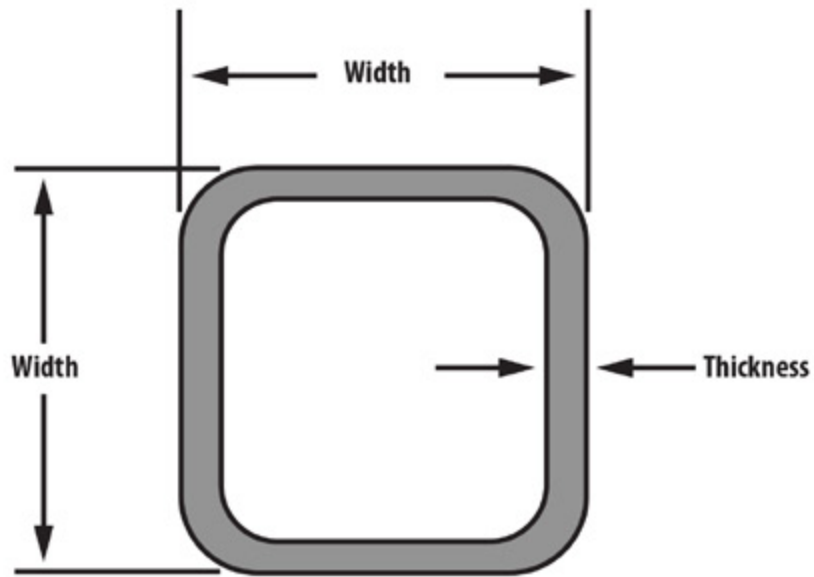
Size	Outside Diameter	Wall Thickness	Lbs. per Ft.
1/2 SCH 40	.84	.109	0.851
3/4 SCH 40	1.05	.113	1.131
1 SCH 40	1.315	.133	1.679
1-1/4 SCH 40	1.66	.140	2.273
1-1/2 SCH 40	1.90	.145	2.720
2 SCH 40	2.375	.154	3.653
2-1/2 SCH 40	2.875	.203	5.800
3 SCH 40	3.5	.216	7.580
3-1/2 SCH 40	4	.226	9.120
4 SCH 40	4.5	.237	10.800
5 SCH 40	5.563	.258	14.620
5 SCH 80	5.563	.375	20.78
6 SCH 40	6.625	.280	18.99
6 SCH 80	6.625	.432	28.600
8 SCH 40	8.625	.322	28.58
10 SCH 40	10.75	.365	40.48

TUBE

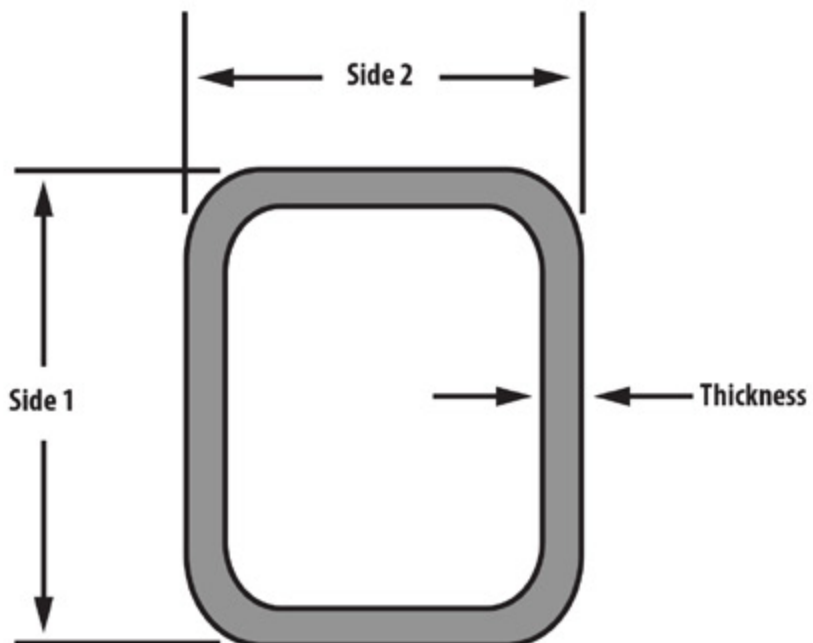
- **Square**
- **Rectangular**
- **D.O.M.**



SQUARE TUBING



RECTANGULAR TUBING



SQUARE TUBING 24' LENGTHS

Side 1		Wall		Lbs. per Ft.
		(in.)	(GA)	
1/2 x 1/2	x	0.063	16GA	0.38
3/4 x 3/4	x	0.083	14GA	0.753
	x	0.120	11GA	1.028
1 x 1	x	0.083	14GA	1.034
	x	0.120	11GA	1.448
1-1/4 x 1-1/4	x	0.083	14GA	1.317
	x	0.120	11GA	1.846
	x	0.187	3/16	2.76
1-1/2 x 1-1/2	x	0.083	14GA	1.611
	x	0.120	11GA	2.252
	x	0.188	3/16	3.350
	x	0.250	1/4	4.070
2 x 2	x	0.083	14GA	2.166
	x	0.120	11GA	3.070
	x	0.188	3/16	4.32
	x	0.250	1/4	5.41
2-1/2 x 2-1/2	x	0.120	11GA	3.910

SQUARE TUBING 24' LENGTHS

Side 1		Wall		Lbs. per Ft.
		(in.)	(GA)	
2-1/2 x 2-1/2	x	0.188	3/16	5.61
	x	0.237	3/16	6.9
	x	0.250	1/4	7.11
3 x 3	x	0.120	11GA	4.652
	x	3/16	3/16	6.89
	x	0.237	3/16	8.6
	x	1/4	1/4	8.81
3-1/2 x 3-1/2	x	0.120	11GA	5.61
	x	3/16	3/16	8.17
	x	1/4	1/4	10.51
4 x 4	x	0.120	11GA	4.760
	x	3/16	3/16	9.45
	x	1/4	1/4	12.21
	x	3/8	3/8	17.27
	x	1/2	1/2	21.63
5 x 5	x	1/4	1/4	15.62
6 x 6	x	1/4	1/4	19.02
	x	3/8	3/8	27.48

RECTANGULAR TUBING 24' LENGTHS

Side 1		Side 2	Wall		Lbs. per Ft.
			(in.)	(GA)	
1	x	1/2	.063	16GA	.61
1-1/2	x	3/4	.083	11GA	1.846
1-1/2	x	1	0.120	14GA	1.18
<hr/>					
2	x	1	0.083	14GA	1.611
	x	1	0.120	11GA	2.252
	x	1	.188	3/16	3.35
	x	1-1/2	0.120	11GA	2.660
<hr/>					
2- 1/2	x	1-1/2	0.120	11GA	3.06
	x	2	0.120	11GA	3.48
<hr/>					
3	x	1	0.120	11GA	3.06
	x	1-1/2	0.083	14GA	2.446
	x	1-1/2	0.120	11GA	3.48
	x	1-1/2	.250	1/4	6.26
<hr/>					
3	x	2	0.083	14GA	2.728
	x	2	0.120	11GA	3.91
	x	2	.188	3/16	5.61
	x	2	.250	1/4	7.11
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3-1/2	x	2-1/2	.188	3/16	6.89

RECTANGULAR TUBING 24' LENGTHS

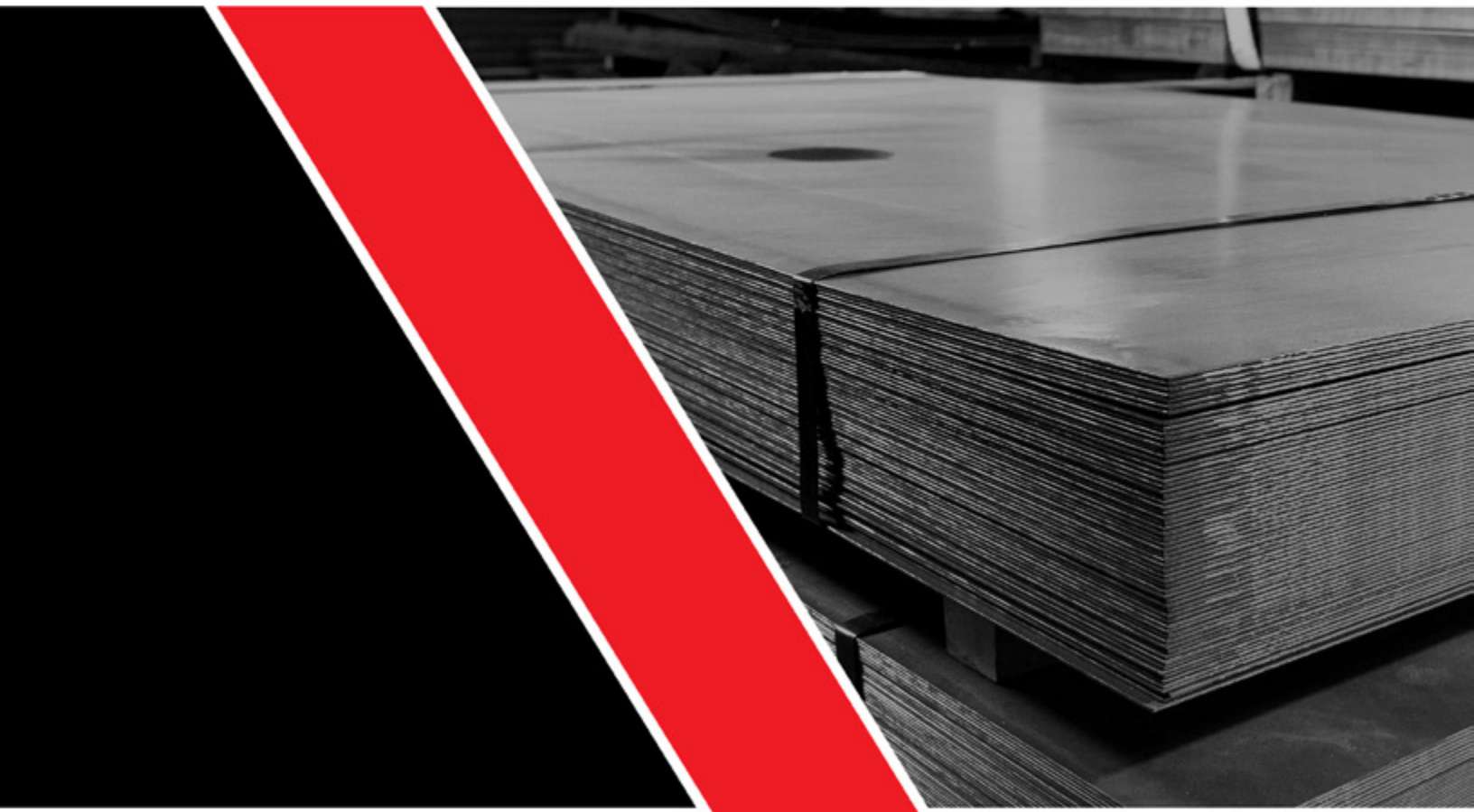
Side 1		Side 2	Wall		Lbs. per Ft.
			(in.)	(GA)	
4	x	2	0.083	14GA	3.293
	x	2	0.120	11GA	4.75
	x	2	.188	3/16	6.89
	x	2	0.250	1/4	8.81
	x	3	.188	3/16	8.17
	x	3	.250	1/4	10.51
5	x	2	0.120	11GA	5.61
	x	2	.188	3/16	8.17
	x	2	.250	1/4	10.51
	x	3	.250	1/4	12.21
6	x	2	0.120	11GA	6.46
	x	2	0.188	3/16	9.45
	x	2	0.250	1/4	12.21
	x	3	0.250	1/4	13.91
	x	4	0.250	1/4	15.62
7	x	3	0.250	1/4	15.62

D.O.M. SEAMLESS TUBE



Here at Van Buren Steel we carry a large variety of seamless tube ranging in size from 3/8" to 12" outside diameter. We are continually expanding our inventory, so please feel free to call for price and availability of any size tube.

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6061 ROUND STOCK 12' LENGTHS

Diameter	Lbs. per Ft.
1/4	.058
5/16	.090
3/8	.130
1/2	.231
5/8	.361
3/4	.519
7/8	.707
1	.923
1 1/4	1.442
1 1/2	2.077
1 3/4	2.827
2	3.693
2 1/2	5.77
3	8.308
4	14.771
5	23.079
6	33.234

6061 SQUARE STOCK 12' LENGTHS

Size	Lbs. per Ft.
3/8	.165
1/2	.294

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6061 SQUARE STOCK 12' LENGTHS

Diameter	Lbs. per Ft.
5/8	.459
3/4	.662
1	1.176
1 1/4	1.838
1 1/2	2.646
1 3/4	3.601
2	4.704

6061 FLAT STOCK 12' LENGTHS

Size	Lbs. per Ft.
1/8 x 1/2	.074
1/8 x 3/4	.11
1/8 x 1	.147
1/8 x 1 1/2	.22
1/8 x 2	.294
1/8 x 2 1/2	.368
1/8 x 3	.441
1/8 x 4	.588
3/16 x 1/2	.111
3/16 x 3/4	.166
3/16 x 1	.221

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6061 FLAT STOCK 12' LENGTHS

Size	Lbs. per Ft.
3/16 x 1 1/2	.332
3/16 x 2	.442
3/16 x 2 1/2	.553
3/16 x 3	.663
3/16 x 4	.884
1/4 x 1/2	.147
1/4 x 3/4	.220
1/4 x 1	.294
1/4 x 1 1/2	.441
1/4 x 2	.588
1/4 x 2 1/2	.735
1/4 x 3	.882
1/4 x 4	1.176
1/4 x 5	1.47
1/4 x 6	1.764
3/8 x 1	.441
3/8 x 1 1/2	.662
3/8 x 2	.882
3/8 x 2 1/2	1.102
3/8 x 3	1.323
3/8 x 4	1.764
3/8 x 5	2.205
3/8 x 6	2.646
3/8 x 12	5.292

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6061 FLAT STOCK 12' LENGTHS

Size	Lbs. per Ft.
1/2 x 1	.588
1/2 x 1 1/2	.882
1/2 x 2	1.176
1/2 x 2 1/2	1.47
1/2 x 3	1.764
1/2 x 4	2.352
1/2 x 5	2.94
1/2 x 6	3.528
1/2 x 12	7.056
3/4 x 2	1.764
3/4 x 3	2.646
3/4 x 4	3.528
3/4 x 6	5.292
3/4 x 12	10.584
1 x 2	2.352
1 x 3	3.528
1 x 4	4.704
1 x 6	7.056
1 x 12	14.112

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6061 / 6063 ANGLE 25' LENGTHS

Size	Lbs. per Ft.
1/2 x 1/2 x 1/16	.069
3/4 x 3/4 x 1/8	.202
1 x 1 x 1/8	.275
1 x 1 x 1/4	.514
1 1/4 x 1 1/4 x 1/8	.350
1 1/2 x 1 1/2 x 1/8	.423
1 1/2 x 1 1/2 x 1/4	.809
2 x 2 x 1/8	.578
2 x 2 x 3/16	.85
2 x 2 x 1/4	1.11
2 1/2 x 2 1/2 x 1/4	1.404
3 x 3 x 1/4	1.684
4 x 4 x 1/4	2.282

6061 SQUARE / RECTANGULAR TUBING 24' LENGTHS

Size	Lbs. per Ft.
3/4 sq x 1/8	.368
1 sq x 1/8	.515
1 1/4 sq x 1/8	.654
1 1/2 sq x 1/8	.809
1 1/2 sq x 3/16	1.161

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6061 SQUARE / RECTANGULAR TUBING 24' LENGTHS

Size	Lbs. per Ft.
2 sq x 3/16	1.636
2 sq x 1/4	2.058
2 1/2 sq x 1/8	1.383
3 sq x 1/8	1.691
3 sq x 1/4	3.234
4 sq x 1/8	2.279
4 sq x 1/4	4.41
2 x 1 x 1/8	.809
3 x 1 x 1/8	1.102
3 x 1 1/2 x 1/8	1.25
3 x 2 x 1/8	1.397
4 x 2 x 1/8	1.69
4 x 2 x 1/4	3.201

6061 ROUND TUBING/ PIPE 24' LENGTHS

Size	Lbs. per Ft.
1 od x.125 wall	.405
1.25 od x.125 wall	.520
1.5 od x.125 wall	.635

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6061 ROUND TUBING/ PIPE 24' LENGTHS

Size	Lbs. per Ft.
2 od x .125 wall	.866
2 od x .250 wall	1.617
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3/4 sch 40 pipe	.391
1 sch 40 pipe	.581
1 1/4 sch 40 pipe	.786
1 1/2 sch 40 pipe	.940
2 sch 40 pipe	1.264
2 1/2 sch 40 pipe	2.004
3 sch 40 pipe	2.621
3 1/2 sch 40 pipe	3.151
4 sch 40 pipe	3.733

SHEET 4' X 8'

Size / Grade	Lbs. per Sq. Ft.
.040 5052	.447
.063 5052	.880
.090 5052	1.257
.125 5052	1.746
.190 5052	2.654

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SHEET 4' X 8'

Size / Grade	Lbs. per Sq. Ft.
.250 5052	3.492
.250 6061	3.634
.375 5052	5.238
.375 6061	5.433
<hr/>	
.063 3003 Diamond Plate, Bright Finish	1.058
.125 3003 Diamond Plate, Bright Finish	1.900
.188 3003 Diamond Plate, Bright Finish	2.820
.250 3003 Diamond Plate, Bright Finish	3.700
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1/2 x .081 flat exp metal 3003	.44
3/4 x .125 exp metal 3003	.65
3/4 x .125 flat exp metal 3003	.65

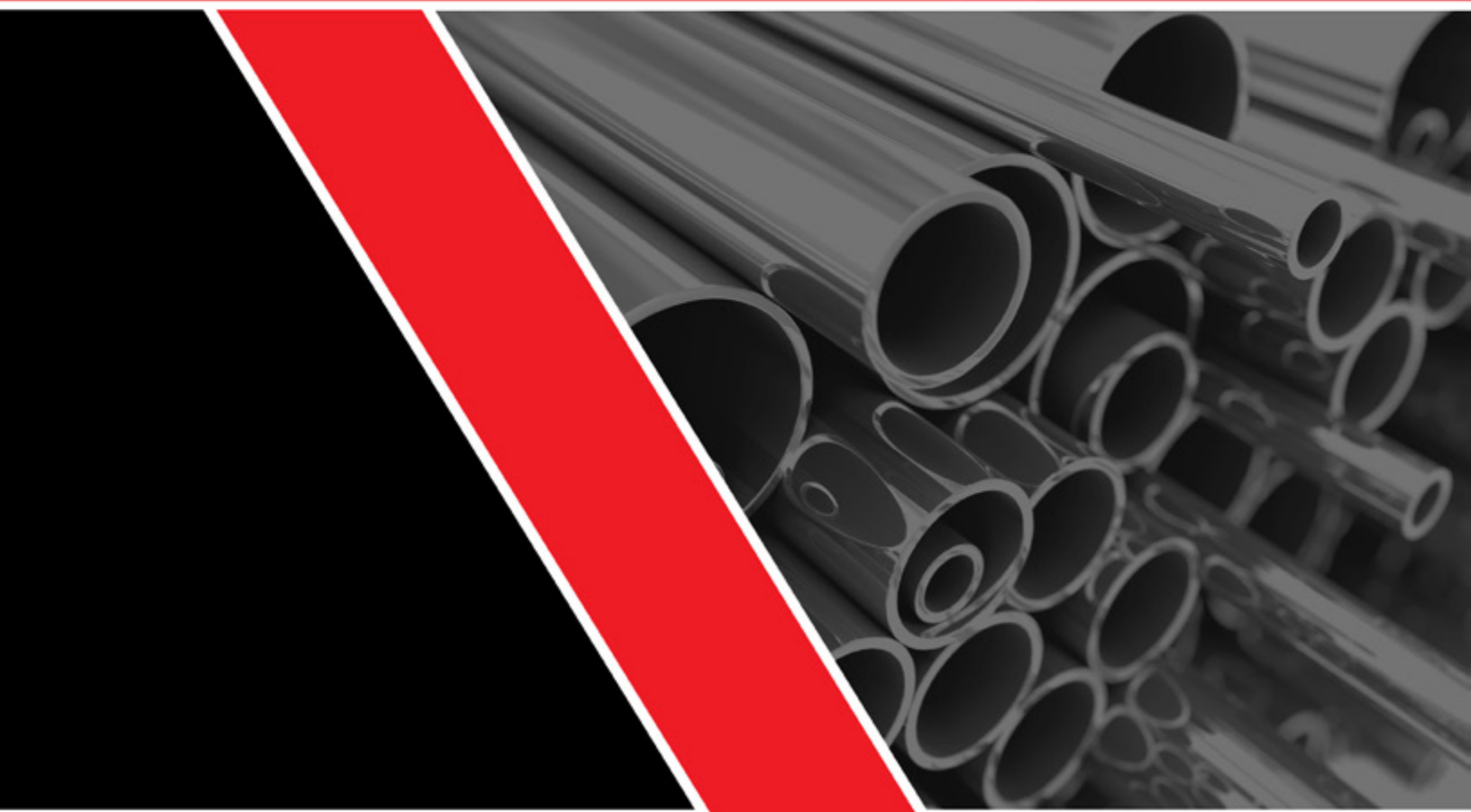
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ALUMINUM CHANNEL/BEAM 25' LENGTHS

Size	Lbs. per Ft.
3 x 1.498 x .258 CHANNEL	1.729
4 x 1.647 x .247 CHANNEL	2.163
6 x 1.92 x .200 CHANNEL	2.826
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3 I	1.963
4 I	2.646
6 I	4.303

STAINLESS



304 STAINLESS 20' LENGTHS

Size	Lbs. per Ft.
1/2 sq x 16 ga tube	.389
3/4 sq x 14 ga tube	.763
1 sq x 14 ga tube	1.035
1 sq x 1/8 tube	1.44
1 1/4 sq x 14 ga tube	1.317
1 1/2 sq x 14 ga tube	1.610
2 sq x 14 ga tube	2.14
2 sq x 1/8 tube	3.05

20' LENGTHS

3/4 x 3/4 x 1/8 angle	.59
1 x 1 x 1/8 angle	.800
1 1/4 x 1 1/4 x 1/8 angle	1.01
1 1/2 x 1 1/2 x 1/8 angle	1.23
2 x 2 x 1/8 angle	1.65
2 x 2 x 1/4 angle	3.19
3 x 3 x 1/4 angle	4.90

12' LENGTHS

3/16 round	.094
1/4 round	.167
5/16 round	.261
3/8 round	.376
7/16 round	.511
1/2 round	.668

304 STAINLESS 12' LENGTHS

Size	Lbs. per Ft.
9/16 round	.845
5/8 round	1.043
3/4 round	1.502
7/8 round	2.044
1 round	2.67
1 1/2 round	6.008
2 round	10.681
12' LENGTHS	
1/8 x 1/2 flat	.213
1/8 x 3/4 flat	.326
1/8 x 1 flat	.435
1/8 x 1 1/2 flat	.653
1/8 x 2 flat	.870
1/8 x 2 1/2 flat	1.09
1/8 x 3 flat	1.31
1/8 x 4 flat	1.74
1/4 x 1 flat	.870
1/4 x 1 1/2 flat	1.305
1/4 x 2 flat	1.74
1/4 x 3 flat	2.61
1/4 x 4 flat	3.48
1/4 x 6 flat	5.22

304 STAINLESS 12' LENGTHS

Size	Lbs. per Ft.	12' LENGTHS
1/4 square	.213	
3/8 square	.480	
1/2 square	.850	
5/8 square	1.33	
3/4 square	1.910	

304 STAINLESS SHEET 4' X 10'

Size	Lbs. per Sq. Ft.	12' LENGTHS
20 ga 2b	1.500	
20 ga mirror	1.50	
18 ga #4 brushed	2.00	
16 ga 2b	2.500	
16 ga mirror	2.500	
14 ga 2b	3.125	
11 ga 2b	5.00	
7 ga 2b	7.66	
1/2 #13 flat expanded	1.78	
3/4 #9 flat expanded metal	1.95	



2018
Reference Guide

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