



T&T

MATERIALS, INC.

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Service Disabled Veteran Owned Small Business (SDVOSB)

GAUGE TO DECIMAL CONVERSION CHART

Stainless Sheet & Strip

Galvanized (After Galvanizing)

Tubing

Aluminum Sheet & Strip

Copper & Brass Sheet & Strip

Steel Wire

GAUGE

Fraction – Decimal	
1/64 – .0156	33/64 – .5156
1/32 – .0312	17/32 – .5312
3/64 – .0469	35/64 – .5469
1/16 – .0625	9/16 – .5625
5/64 – .0781	37/64 – .5781
3/32 – .0937	19/32 – .5937
7/64 – .1094	39/64 – .6094
1/8 – .1250	5/8 – .6250
9/64 – .1406	41/64 – .6406
5/32 – .1562	21/32 – .6562
11/64 – .1719	43/64 – .6719
3/16 – .1875	11/16 – .6875
13/64 – .2031	45/64 – .7031
7/32 – .2187	23/32 – .7187
15/64 – .2344	47/64 – .7344
1/4 – .2500	3/4 – .7500
17/64 – .2656	49/64 – .7656
9/32 – .2812	25/32 – .7812
19/64 – .2969	51/64 – .7969
5/16 – .3125	13/16 – .8125
21/64 – .3281	53/64 – .8281
11/32 – .3437	27/32 – .8437
23/64 – .3594	55/64 – .8594
3/8 – .3750	7/8 – .8750
25/64 – .3906	57/64 – .8906
13/32 – .4062	29/32 – .9062
27/64 – .4219	59/64 – .9219
7/16 – .4375	15/16 – .9375
29/64 – .4531	61/64 – .9531
15/32 – .4687	31/32 – .9687
31/64 – .4844	63/64 – .9844
1/2 – .5000	1 – 1.00

0	.3240	.3249	.375	.340	.3125
1	.3000	.2893	.312	.300	.2813
2	.2760	.2576	.250	.284	.2656
3	.2760	.2294		.259	.2500
4	.2320	.2043	.190	.238	.2344
5	.2120	.1819		.220	.2188
6	.1920	.1620	.160	.203	.2031
7	.1760	.1443		.180	.1875
8	.1600	.1285	.125	.165	.1719
9	.1440	.1144		.148	.1563
10	.1280	.1019	.100	.134	.1382
11	.1160	.0907	.090	.120	.1233
12	.1040	.0808	.080	.109	.1084
13	.0920	.0720		.095	.0934
14	.0800	.0641	.063	.083	.0785
15	.0720	.0571		.072	.0710
16	.0640	.0508	.050	.065	.0635
17	.0560	.0463		.058	.0563
18	.0480	.0403	.040	.049	.0516
19	.0400	.0359		.042	.0456
20	.0360	.0320	.032	.035	.0396
21	.0320	.0285		.032	.0366
22	.0280	.0254	.025	.028	.0336
23	.0240	.0226		.025	.0306
24	.0220	.0201	.020	.022	.0276
25	.0200	.0179		.020	.0247
26	.0180	.0159	.016	.018	.0217
27	.0164	.0142		.016	.0202
28	.0148	.0126	.012	.014	.0187
29	.0136	.0113		.013	.0172
30	.0124	.0100	.010	.012	.0157
31	.0116	.0089		.010	.0109

Weight per Square Foot Stainless

Gauge	400 Series		300 Series
	400 Series	300 Series	300 Series
8	7.0813	7.2187	
9	6.4375	6.5625	
10	5.7937	5.9062	
11	5.1500	5.2500	
12	4.5063	4.5937	
13	3.8625	3.9375	
14	3.2187	3.2812	
15	2.8968	2.9531	
16	2.5750	2.6250	
17	2.3175	2.3625	
18	2.0600	2.1000	
19	1.8025	1.8375	
20	1.5450	1.5750	
21	1.4160	1.4437	
22	1.2875	1.3125	
23	1.1587	1.1813	
24	1.0300	1.0500	
25	0.9013	0.9187	
26	0.7725	0.7875	
27	0.7081	0.7218	
28	0.6438	0.6562	
29	0.5794	0.5906	
30	0.5150	0.5250	
31	0.4506	0.4594	

Weight per Square Foot Aluminum

Decimal	Weight	Decimal	Weight
0.010	0.144	0.056	0.806
0.011	0.158	0.060	0.864
0.012	0.173	0.063	0.907
0.013	0.187	0.071	1.020
0.014	0.202	0.075	1.080
0.016	0.230	0.080	1.150
0.018	0.259	0.085	1.220
0.020	0.288	0.090	1.300
0.021	0.302	0.095	1.370
0.022	0.317	0.100	1.440
0.024	0.346	0.106	1.530
0.025	0.360	0.112	1.610
0.026	0.374	0.118	1.700
0.028	0.403	0.125	1.800
0.030	0.432	0.132	1.900
0.032	0.461	0.140	2.020
0.034	0.490	0.150	2.160
0.036	0.518	0.160	2.300
0.038	0.547	0.170	2.450
0.040	0.576	0.180	2.590
0.042	0.605	0.190	2.740
0.045	0.648	0.212	3.050
0.048	0.691	0.224	3.230
0.050	0.720	0.250	3.600