

Pipe & Tube Supply - 501.372.6556

Catalog Page 47

SHEET AND PLATE ALUMINUM TABLES ESTIMATED SHEET AND PLATE WEIGHTS IN POUNDS, BASED ON DENSITY OF 0.100 lb./cu. in. (1) (2)

Estimated Weights of Various Sheet Sizes

Thickness	Weight										
Inches	Sq. Ft.	24 x 72"	36 x 96"	36 x 120"	36 x 144"	48 x 96"	48 x 120"	48 x 144"	60 x 144"	60 x 180"	
.012	.173	2.1	4.2	5.2	6.2	5.5	6.9	8.3	10.4	13.0	
.016	.230	2.8	5.5	6.9	8.3	7.4	9.2	11.0	13.8	17.3	
.020	.288	3.5	6.9	8.6	10.4	9.2	11.5	13.8	17.3	21.6	
.025	.360	4.3	8.6	10.8	13.0	11.5	14.2	17.3	21.6	27.0	
.032	.461	5.5	11.1	13.8	16.6	14.8	18.4	22.1	27.7	34.6	
.040	.576	6.9	13.8	17.3	20.7	18.4	23.0	27.6	34.6	43.2	
.050	.720	8.6	17.3	21.6	25.9	23.0	28.8	34.6	43.2	54.0	
.063	.907	10.9	21.8	27.2	32.6	29.0	36.3	43.5	54.4	68.0	
.071	1.022	12.3	24.5	30.7	36.8	32.7	40.9	49.1	61.3	76.7	
.080	1.152	13.8	27.6	34.6	41.5	36.9	46.1	55.3	69.1	86.4	
.090	1.296	15.6	31.1	38.9	46.7	41.5	51.8	62.2	77.8	97.2	
.100	1.440	17.3	34.6	43.2	51.8	46.1	57.6	69.1	86.4	108.0	
.125	1.800	21.6	43.2	54.0	64.8	57.6	72.0	86.4	108.0	135.0	
.160	2.304	27.6	55.3	69.1	82.9	73.7	92.2	110.6	138.2	172.8	
.190	2.736	32.8	65.7	82.1	98.5	87.6	109.4	131.3	164.2	205.2	
.250	3.600	43.2	86.4	108.0	129.6	115.2	144.0	172.8	216.0	270.0	
.313	4.507	54.1	108.2	135.2	162.3	144.2	180.3	216.3	270.4	338.0	
.375	5.400	64.8	129.6	162.0	194.4	172.8	216.0	259.2	324.0	405.0	
.500	7.200	86.4	172.8	216.0	259.2	230.4	288.0	345.6	432.0	540.0	
.625	9.000	108.0	216.0	270.0	324.0	288.0	360.0	432.0	540.0	675.0	
.750	10.800	129.6	259.2	324.0	388.8	345.6	432.0	518.4	648.0	810.0	
.875	12.600	151.2	302.4	378.0	453.6	403.2	504.0	604.8	756.0	945.0	
1.000	14.400	172.8	345.6	432.0	518.4	460.8	576.0	691.2	864.0	1080.0	
1.250	18.000	216.0	432.0	540.0	648.0	576.0	720.0	864.0	1080.0	1350.0	
1.500	21.600	259.2	518.4	648.0	777.6	691.2	864.0	1036.8	1296.0	1620.0	
1.750	25.200	302.4	604.8	756.0	907.2	806.4	1008.0	1209.6	1512.0	1890.0	
2.000	28.800	345.6	691.2	864.0	1036.8	921.6	1152.0	1382.4	1728.0	2160.0	
2.250	32.400	388.8	777.6	972.0	1166.4	1036.8	1296.0	1555.2	1944.0	2430.0	
2.500	36.000	432.0	864.0	1080.0	1296.0	1152.0	1440.0	1728.0	2160.0	2700.0	
2.750	39.600	475.2	950.4	1188.0	1425.6	1267.2	1584.0	1900.8	2376.0	2970.0	
3.000	43.200	518.4	1036.8	1296.0	1555.2	1382.4	1728.0	2073.6	2592.0	3240.0	
4.000	57.600	691.2	1382.4	1728.0	2073.6	1843.2	2304.0	2764.8	3456.0	4320.0	
5.000	72.000	864.0	1728.0	2160.0	2592.0	2304.0	2880.0	3456.0	4320.0	5400.0	
6.000	86.400	1036.8	2073.6	2592.0	3110.4	2764.8	3456.0	4147.2	5184.0	6480.0	

Notes:

- (1) Table does not take into consideration thickness, length or width tolerances.
- (2) For specific alloys, a more accurate weight may be obtained by multiplying the weights in this table by the appropriate density conversion factor shown below.

WEIGHT CONVERSION FACTORS FOR OTHER ALLOYS AND METALS

Multiply weights above by the appropriate conversion factor below.

Aluminum Alloy	Conversion Factor	Aluminum Alloy	Conversion Factor	Other Metals	Conversion Factor
1100	0.98	5052	0.97	Brass	3.0
1350	0.975	5083	0.96	Copper	3.2
2014	1.01	5086	0.96	Nickel	3.2
2024	1.01	5252	0.96	Monel	3.2
2219	1.03	5454	0.97	Steel	2.8
2124	1.00	5456	0.96	Zinc	2.5
3003	0.99	5457	0.97	Tin	2.6
3004	0.98	6061	0.98	Titanium	1.7
3005	0.98	7050	1.02	Magnesium	0.65
3105	0.98	7075	1.01	----	----
5005	0.98	7178	1.02	----	----
5050	0.97	----	----	----	----