

Sheet and Plate Weight Chart

Our **Sheet and Plate Weight Chart** is a reference tool that displays the weight per square foot or meter for various materials and thicknesses. This information is vital for material planning, transportation considerations, and ensuring structural integrity in diverse applications.

Plate Thickness (mm)	Weight (kg/m)	kg/meter (width 1200mm)	kg/meter (width 1500mm)	kg/meter (width 1800mm)	kg/meter (width 2400mm)
3	23.55	28.3	35.3	42.4	56.5
4	31.4	37.7	47.1	56.5	75.4
5	39.25	47.1	58.9	70.7	94.2
6	47.1	56.5	70.7	84.8	113
8	62.8	75.4	94.2	113	150.7
10	78.5	94	118	141	188
12	94.2	113	141	170	226
16	125.6	151	188	226	301
20	157	188	236	283	377
22	172.7	207	259	311	415

25	196.25	236	294	353	471
28	219.8	264	330	396	528
32	251.2	301	377	452	603
36	282.6	339	424	509	678
40	314	377	471	565	754
45	353.25	424	530	636	848
50	392.5	471	589	707	942
55	431.75	518	648	777	1036
60	471	565	707	848	1130
65	510	612	765	918	1224
70	549.5	659	824	989	1319
75	588.75	707	883	1060	1413
80	628	754	942	1130	1507
90	706.5	848	1060	1272	1696
100	785	942	1178	1413	1884

Sheet And Plate Thickness and Weight in Imperial Units

Nominal Size Thickness (inches)	Weight (lb/ft ²)
3/16	7.65
1/4	10.2
5/16	12.8
3/8	15.3
7/16	17.9
1/2	20.4
9/16	22.9
5/8	25.5
11/16	28.1
3/4	30.6
13/16	33.2
7/8	35.7

1	40.8
1 1/8	45.9
1 1/4	51.0
1 3/8	56.1
1 1/2	61.2
1 5/8	66.3
1 3/4	71.4
1 7/8	76.5
2	81.6
2 1/8	86.7
2 1/4	91.8
2 1/2	102
2 3/4	112
3	122
3 1/4	133

3 1/2	143
3 3/4	153
4	163
4 1/4	173
4 1/2	184
5	204
5 1/2	224
6	245
6 1/2	265
7	286
7 1/2	306
8	326
9	367
10	408

Sheet And Plate Thickness and Weight in Metric Units

Plate Thickness (mm)	Weight (kg/m ²)
1.6	12.6
2.0	15.7
2.5	19.6
3	23.6
3.2	25.1
4	31.4
5	39.3
6	47.1
8	62.8
10	78.5
12.5	98.1
15	118

20	157
22.5	177
25	196
30	236
32	251
35	275
40	314
45	353
50	393
55	432
60	471
65	510
70	550
75	589
80	628

90	707
100	785
110	864
120	942
130	1051
150	1178
160	1256
180	1413
200	1570
250	1963

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