

Plate Weights												
Plate Thickness (Inches)	Lbs. / Sq. Inch	Lbs. / Sq. Foot	48 x 96	48 x 120	48 x 144	60 x 96	60 x 120	60 x 144	72 x 96	72 x 120	72 x 240	96 x 240
3/16"	.532	7.66	245.12	306.4	367.68	306.4	383	459.6	367.68	459.6	919.2	1225.6
1/4"	.0709	10.21	326.72	408.4	490.08	408.4	510.5	612.6	490.08	612.6	1225.2	1633.6
5/16"	.0886	12.76	408.32	510.4	612.48	510.4	638	765.6	612.48	765.6	1531.2	2041.6
3/8"	.1064	15.32	490.24	612.8	735.36	612.8	766	919.2	735.36	919.2	1838.4	2451.2
7/16"	.1241	17.87	571.84	714.8	857.76	714.8	893.5	1072.2	857.76	1072.2	2144.4	2859.2
1/2"	.1418	20.42	653.44	816.8	980.16	816.8	1021	1225.2	980.16	1225.2	2450.4	3267.2
9/16"	.1595	22.97	735.04	918.8	1102.56	918.8	1148.5	1378.2	1102.56	1378.2	2756.4	3675.2
5/8"	.1773	25.53	816.96	1021.2	1225.44	1021.2	1276.5	1531.8	1225.44	1531.8	3063.6	4084.8
3/4"	.2127	30.63	980.16	1225.2	1470.24	1225.2	1531.5	1837.8	1470.24	1837.8	3675.6	4900.8
7/8"	.2482	35.74	1143.68	1429.6	1715.52	1429.6	1787	2144.4	1715.52	2144.4	4288.8	5718.4
1"	.2836	40.84	1306.88	1633.6	1960.32	1633.6	2042	2450.4	1960.32	2450.4	4900.8	6534.4
1 1/8"	.3191	45.95	1470.4	1838	2205.6	1838	2297.5	2757	2205.6	2757	5514	7352
1 1/4"	.3545	51.05	1633.6	2042	2450.4	2042	2552.5	3063	2450.4	3063	6126	8168
1 3/8"	.39	56.16	1797.12	2246.4	2695.68	2246.4	2808	3369.6	2695.68	3369.6	6739.2	8985.6
1 1/2"	.4254	61.26	1960.32	2450.4	2940.48	2450.4	3063	3675.6	2940.48	3675.6	7351.2	9801.6
1 5/8"	.4609	66.37	2123.84	2654.8	3185.76	2654.8	3318.5	3982.2	3185.76	3982.2	7964.4	10619.2
1 3/4"	.4963	71.47	2287.04	2858.8	3430.56	2858.8	3573.5	4288.2	3430.56	4288.2	8576.4	11435.2
2"	.5672	1.68000000000000	2613.76	3267.2	3920.64	3267.2	4084	4900.8	3920.64	4900.8	9801.6	13068.8
2 1/4"	.6381	91.89	2940.48	3675.6	4410.72	3675.6	4594.5	5513.4	4410.72	5513.4	11026.8	14702.4
2 1/2"	.709	102.1	3267.2	4084	4900.8	4084	5105	6126	4900.8	6126	12252	16336
2 3/4"	.779	112.31	3593.92	4492.4	5390.88	4492.4	5615.5	6738.6	5390.88	6738.6	13477.2	17969.6
3"	.8508	122.52	3920.64	4900.8	5880.96	4900.8	6126	7351.2	5880.96	7351.2	14702.4	19603.2
3 1/4"	.9217	132.73	4247.36	5309.2	6371.04	5309.2	6636.5	7963.8	6371.04	7963.8	15927.6	21236.8
3 1/2"	.9926	142.94	4574.08	5717.6	6861.12	5717.6	7147	8576.4	6861.12	8576.4	17152.8	22870.4
3 3/4"	1.0635	153.15	4900.8	6126	7351.2	6126	7657.5	9189	7351.2	9189	18378	24504
4"	1.1344	163.36	5227.52	6534.4	7841.28	6534.4	8168	9801.6	7841.28	9801.6	19603.2	26137.6
4 1/4"	1.2053	173.57	5554.24	6942.8	8331.36	6942.8	8678.5	10414.2	8331.36	10414.2	20828.4	27771.2
4 1/2"	1.2763	183.78	5880.96	7351.2	8821.44	7351.2	9189	11026.8	8821.44	11026.8	22053.6	29404.8
4 3/4"	1.3472	193.99	6207.68	7759.6	9311.52	7759.6	9699.5	11639.4	9311.52	11639.4	23278.8	31038.4
5"	1.4181	204.2	6534.4	8168	9801.6	8168	10210	12252	9801.6	12252	24504	32672
5 1/2"	1.5599	224.62	7187.84	8984.8	10781.76	8984.8	11231	13477.2	10781.76	13477.2	26954.4	35939.2
6"	1.7017	245.04	7841.28	9801.6	11761.92	9801.6	12252	14702.4	11761.92	14702.4	29404.8	39206.4