



Plating Rates for Electrode-positing Nickel

(Based on 96.5% Cathode Efficiency)

Thickness in Inches	Oz. per sq. ft.	Grams per sq. ft.	Amp. Hrs. needed	Amp. Min. needed	Minutes for Obtaining Coating at Various Amperes per Sq. Ft.												
					5 a.s.f.	8 a.s.f.	10 a.s.f.	12 a.s.f.	15 a.s.f.	20 a.s.f.	25 a.s.f.	30 a.s.f.	40 a.s.f.	50 a.s.f.	75 a.s.f.	100 a.s.f.	125 a.s.f.
.00001	.0072	.204	.199	11.9	2.4	1.5	1.2	1	.8	.6	.5	.4	.3	.3	.2	.12	.1
.00002	.0144	.408	.398	23.84	4.8	3	2.4	2	1.6	1.2	1.0	.8	.6	.5	.4	.24	.2
.00003	.0216	.612	.597	35.8	7.2	4.5	3.6	3	2.4	1.8	1.5	1.2	.9	.8	.5	.36	.3
.00004	.0288	.816	.795	47.7	9.6	6	4.8	4	3.2	2.4	1.9	1.6	1.2	1.0	.7	.5	.4
.00005	.0361	1.020	.995	59.6	12.0	7.6	6.1	5.1	4.1	3.1	2.4	2.0	1.5	1.2	.8	.6	.5
.00006	.0433	1.224	1.19	71.6	14.3	9	7.2	6	4.8	3.6	2.9	2.4	1.8	1.5	1.0	.8	.6
.00007	.0504	1.428	1.39	83.5	16.7	10.5	8.4	7	5.6	4.2	3.4	2.8	2.1	1.7	1.2	.9	.7
.00008	.0578	1.632	1.59	95.6	19.2	12	9.6	8	6.4	4.8	3.9	3.2	2.4	1.9	1.3	1.0	.8
.00009	.0649	1.836	1.79	107.3	21.5	13.5	10.8	9	7.2	5.4	4.3	3.6	2.7	2.2	1.5	1.1	.9
.0001	.0721	2.04	1.99	119.2	23.9	14.9	12	10	8	6	4.8	4	3	2.4	1.6	1.2	1.0
.0002	.144	4.08	3.98	238.4	47.7	29.8	23.9	19.9	15.9	11.9	9.6	8	6	4.8	3.2	2.4	2
.0003	.216	6.12	5.97	358	72.0	44.7	35.8	29.8	23.9	17.9	14.3	12	9	7.2	4.8	3.6	2.9
.0004	.288	8.16	7.95	477	95.3	59.6	47.7	39.9	31.8	23.9	19.1	15.9	11.9	9.6	6.4	4.8	3.8
.0005	.360	10.20	9.95	596	120	74.5	59.6	49.7	40.0	30.0	23.8	20.0	15.2	12.2	8.2	6.1	4.9
.0006	.433	12.24	11.9	716	143	89.5	71.6	59.6	47.7	35.8	28.6	23.9	17.9	14.3	9.6	7.2	5.8
.0007	.504	14.28	13.9	835	167	104.4	83.5	69.5	55.6	41.8	33.4	27.8	20.9	16.7	11.2	8.4	6.7
.0008	.578	16.32	15.9	956	191.2	119.6	95.6	79.7	63.8	47.8	38.3	31.9	23.9	19.2	12.8	9.6	7.7
.0009	.649	18.36	17.9	1073	215	134.3	107.3	89.5	71.6	53.7	43	35.8	26.9	21.5	14.3	10.8	8.7
.001	.721	20.40	19.89	1192	239	149	119.2	99.4	79.5	59.6	47.7	39.8	29.8	23.9	15.9	12	9.6
.002	1.44	40.80	39.78	2384	477	298	238.4	198.3	158.7	119.0	95.3	79.5	59.6	47.7	31.8	23.9	19.1