

Process Sequence	Production		Labor		Materials					Energy					Environment				Misc. Other	Annual Costs Summary		
	Avg. mils	Sq Ft per Day	Operations	Other	Water	Dragout	Bleed	Coating	Other	Vent	Rectifier	Heat	Cool	Other	Effluent	OnSite Trt	Sludge	Disposal		Total	\$/Sq Ft	\$ per milSqFt
Nickel Plate	2.00	250	\$95,063	\$9,249	\$446	\$5,501	\$38,565	\$81,304	\$740	\$20,367	\$912	\$2,615	\$0	\$925	\$399	\$1,993	\$3,821	\$0	\$9,249	\$271,148	\$3.04	\$1.52
Sulfuric Acid Anodize	0.50	250	\$24,376	\$16,322	\$308	\$1,528	\$20,006	\$0	\$1,306	\$13,932	\$1,125	\$1,696	\$1,198	\$1,632	\$284	\$1,874	\$857	\$0	\$16,322	\$102,766	\$1.64	\$3.29
Electroless Ni	0.70	250	\$162,500	\$9,521	\$295	\$3,274	\$125,383	\$29,891	\$762	\$23,547	\$15	\$3,270	\$0	\$952	\$183	\$913	\$592	\$17,952	\$9,521	\$388,571	\$5.74	\$8.20
Hardcoat Anodize	2.00	1,000	\$260,000	\$54,407	\$267	\$5,660	\$10,135	\$0	\$4,353	\$5,450	\$60,000	\$1,823	\$66,020	\$5,441	\$222	\$1,402	\$2,699	\$0	\$54,407	\$532,285	\$2.13	\$1.06
Cadmium Plate	1.00	1,000	\$178,750	\$43,526	\$373	\$15,485	\$22,202	\$67,402	\$3,482	\$29,565	\$649	\$421	\$0	\$4,353	\$365	\$2,293	\$1,861	\$0	\$43,526	\$414,251	\$1.39	\$1.39
Chrome Anodize	0.50	500	\$40,625	\$21,763	\$134	\$1,750	\$14,390	\$0	\$1,741	\$12,614	\$1,500	\$701	\$0	\$2,176	\$132	\$892	\$3,654	\$0	\$21,763	\$123,836	\$0.99	\$1.98
Cadmium Chromate	0.00	1,000	\$81,250	\$43,526	\$268	\$3,660	\$16,798	\$0	\$3,482	\$13,403	\$0	\$1,410	\$0	\$4,353	\$265	\$1,785	\$7,308	\$0	\$43,526	\$221,032	\$0.88	N/A
Hard Chrome Plate	5.00	250	\$130,000	\$8,161	\$283	\$5,973	\$12,583	\$58,438	\$653	\$30,748	\$10,406	\$4,918	\$0	\$816	\$120	\$857	\$4,152	\$0	\$8,161	\$276,269	\$3.49	\$0.70
Aluminum Chromate	0.00	1,000	\$65,000	\$43,526	\$268	\$3,660	\$16,798	\$0	\$3,482	\$13,403	\$0	\$1,410	\$0	\$4,353	\$265	\$1,785	\$7,308	\$0	\$43,526	\$204,782	\$0.82	N/A

Note 1: Accuracy of all values reported have a maximum of 3 significant figures.

Note 2: 'Per Sq Ft' cost is total annual process cost divided by total annual production square feet.

Note 3: PLATO has a limited database of coating cost and density information. Users can enter \$/gram and gram/mil-sf and PLATO will calculate annual coating cost from process sequence production information.