

Gold Plating

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Common Name	Also Known as	Typical Bath Constituents	Power Supply Recommendations	Typical Pulse Settings (if Used)	Typical Operating Parameters
Acid Hard Gold	Hard Gold	Gold Salt (0.5-1 tr. oz/Gal)	<1% ripple	High Frequency (HFP); Do Not Use Low Frequency Pulse (LFP)	Anodes: Platinum-Clad Columbium or Titanium
		Brightener (117ml/Gal)	Amp-hr meter (gold metal additions based on A-hr meter readings)	Duty Cycle: 50%	Heaters: Titanium, quartz
		Conducting Salt	Pulse Recommended	1 ms ON Time	Filter Continuously
		Cyanide Additive (10 ml/Gal)	Totalizer (tracks gold usage to prevent misuse or theft)	1 ms OFF Time	Carbon Treat (Sensitive to Organics)
					Agitation: Vigorous
					Operating Temp: 90 to 110 F (100 F Nominal)
					Typical pH (range): 3.8 to 4.3
					Output Voltage (Power Supply Max Rating): 6 VDC
			Current Density: 3-10 ASF (0.3-1.0 ASD)		