

FINISH	METHOD	ROHS, ELV & REACH COMPLIANT?	SPECIFICATIONS	NOTES
Nickel, Bright (Watts)	MPM WW	✓	ASTM B689, QQ-N-290, ISO 1458, AMS 2403, AMS 2423	Full bright electrolytic nickel. An advanced brightener technology provides the most ductile bright nickel available today.
Nickel, Sulfamate	MPM WW	✓	MIL-P-27418, ASTM B689, QQ-N-290, ISO 1458, AMS 2403, AMS 2423	Excellent for brazing and soldering. More corrosion resistant than watts formulation.
Nickel, Satin (Watts)	MPM WW	✓	ASTM B689, QQ-N-290, ISO 1458, AMS 2403, AMS 2423	Fully free of organic brighteners.
Nickel, Black	MPM WW	✓	MIL-P-18317	Jet black when plated full bright, charcoal gray when plated satin.
Tin-Cobalt (Techni-Crom)	MPM WW	✓	Company Specific	A RoHS compliant "green" chrome alternative that provides a blue-bright, chrome-like appearance and can be barrel plated.
Electroless Nickel (High Phosphorous)	MPM WW	✓	MIL-C-26074E, ASTM B733, ISO 4527, AMS 2404	Excellent corrosion performance, Non-magnetic, semibright to dull appearance, Rc 50-55 (as-plated), Rc 65-70 (with heat treat), High build capabilities to 0.005".
Electroless Nickel (Mid Phosphorous)	MPM WW	✓	MIL-C-26074E, ASTM B733, ISO 4527, AMS 2404	Good corrosion performance, magnetic, bright to semibright appearance, Rc 55-60 (as-plated), Rc 65-70 (with heat treat).
Copper	MPM WW	✓	ASTM B734, AMS 2418, MIL-C-14550	Heavy build capabilities to thicknesses 0.020" or more. Both bright acid copper and matte cyanide copper formulations available.
Tin, Bright	MPM WW	✓	AMS 2408, ASTM B545, ISO 2093, MIL-T-10727C	Corrosion resistance, excellent electrical properties.
Tin, Matte	MPM WW	✓	AMS 2408, ASTM B545, ISO 2093, MIL-T-10727C	The best tin for soldering applications, often referred to as solderable tin.
Tin/Lead	MPM WW	✗	ASTM B579, MIL-P-81728	95/5, 10/90, 60/40 available. Any custom formulation can be provided upon request. Specializing in plate-to-gauge bearing applications.
Tin/Copper/Lead	MPM WW	✗	Company Specific	8/2/90 formulation is an excellent plated babbitt material for plate-to-gauge bearing applications.
Lead	MPM WW	✗	MIL-L-13808	A coating for severely corrosive environments including strong mineral acids. Battery, plate-to-gauge bearing applications.
Silver	MPM WW	✓	AMS 2410, AMS 2411, AMS 2412, QQ-S-365, ASTM B700	Bright, Semibright and Matte available in Type I 99.9% Purity, Type II 99.0% Purity and Type III 98.0% Purity with and without anti-tarnish (chromate) application.
Gold, Hard	MPM WW	✓	MIL-G-45204, ASTM B488, AMS 2422, AMS 2425	Type I or Type II per ASTM B 488-01 and MIL-G-45204.
Gold, Soft	MPM WW	✓	MIL-G-45204, ASTM B488, AMS 2422, AMS 2425	Type III per ASTM B 488-01 and MIL-G-45204.
Powder Coating		✓	MIL-PRF-24712A	Demanding masking applications and high aesthetics are our specialty. Chromating and phosphating available to enhance corrosion performance.
Aluminum Chromate (Chemfilm, Conversion Coating, Alodine or Iridite)		✓	ASTM B449, MIL-C-5541	A thin chemical conversion film applied to aluminum to enhance corrosion performance and/or improve adhesion to subsequent painting operations. Artistic employs a clear trivalent chromate that imparts a slight iridescent blue or tan color and is fully RoHS compliant.
Passivation, Industrial		✓	QQ-P-35, ASTM A967, ASTM A380, ASTM F86	All types of citric and nitric acid passivation is provided including AAA process. Specialized processing techniques allow for passivation of even the most difficult stainless grades including free machining grades.
Passivation, Precision		✓	QQ-P-35, ASTM A967, ASTM A380, ASTM F86	Delicate passivation utilizing ultrasonic generation to any specification. Precision passivation is tailored to the demanding cleanliness requirements of the medical industry.
Polishing	N/A	N/A	N/A	Automatic, semiautomatic and hand polishing services available.
Cleaning Services		✓	Company Specific	Vapor degreasing, electro cleaning, ultrasonic cleaning and nitrogen packaging services available.

Quality Systems: ISO 9001:2008 Certified, Registered Federal Firearms License (FFL), Actively Pursuing NADCAP.

Substrates Plated On: Mild steel, stainless steel, hardened steels, tool steels, Inconel, pure nickel, pure copper, coppers alloys including tellurium & beryllium, brass, Monel, Hastalloy, aluminum, lead, nickel-silver, metalized plastics

Value Added Services: Selective plating, heavy build plating, plate-to-gauge services, inventory management, Kanban, PPAP, custom packaging, subassembly, pre and post-plate baking, post-plate waxes, oils and corrosion inhibitors