

Advanced Surface Technologies, Inc.

6155 West 54th Avenue, Arvada
Colorado 80002

Phone: 303-432-8500 • **Fax:** 303-432-8555

Email: sales@astfinishing.com • **Web Address:** www.astfinishing.com

Plating onto Magnesium

Specializing in blister free plating of various tough-to-plate metals, AST offers metal plating services for your magnesium components. Some plating operations that we perform on magnesium parts include electroless nickel, electroless nickel/Teflon, gold, and silver plating. All plating operations can be performed to ASTM and Mil standards of specification. Special pre-treatments required for the plating of magnesium are also performed in-house.

Equipped with various rack and barrel plating lines, we are able to handle parts of any size or volume. In addition, we are staffed with experienced employees, who can assist you in choosing the right plating for your application. Our magnesium plating services have catered to a number of industries, including electronics and automotive. In addition, our quality assurance is evident from our commitment to the continuous improvement of our operations, products, and systems.

· [CAPABILITIES](#) · [ADDITIONAL INFORMATION](#)

CAPABILITIES

Plating Options	Chromate Conversion Coating Electroless Nickel Plating Electroless Nickel with Boron Nitride Plating Electroless Nickel with Teflon Plating Gold Plating Silver Plating Tin Plating
Plating Capabilities	Barrel Plating Lines Rack Plating Lines
Substrates	Magnesium
Standards Met	AMS 2404 AMS 2422 ASTM B 700 ASTM B 733 ASTM B488 MIL-C-26074 MIL-G-45204 QQ-S-365
Additional Capabilities	Heat Treatment (Hardness and Hydrogen embrittlement) Masking Parts Stripping Parts-Cleaning Plugging

ADDITIONAL INFORMATION

Applications	Appliances Consumer Electronics Electrical Components Structural Components
--------------	--

Industries Served	Aerospace Automotive Communications Computer Electronics Household Appliances Medical Equipment Oil & Gas Equipment Pharmaceutical Recreational Equipment Solar Tool & Die
Certifications	ISO 14001 Certified ISO 9001:2000 Certified
Quality System Features	Dedicated to company-wide continuous improvement In-house laboratory facilities
Environmental System Features	State-of-the-art, computer-controlled waste treatment system
Professional Associations and Awards	<ul style="list-style-type: none"> • Charter member of the Strategic Goals Program, a cooperative effort between the metal finishing industry and EPA <ul style="list-style-type: none"> • Recipient of the Colorado Environmental Leadership Award <ul style="list-style-type: none"> • National Association of Metal Finishers (NAMF) • American Electroplaters and Surface Finishers Society (AESF)
Service Features	A staff that understands the importance of quick response for our customers Production scheduling and production flexibility that minimize turnaround time