



Silver Plating

Silver plating services for parts or components made of virtually all metallic substrates, including steel, aluminum, and copper, are offered at our job shop. Silver plating services are performed with rack line and barrel line equipment in a separate area outfitted with an independent air system. This ensures the controlled environment required for the plating process.

With strict adherence to ASTM B 700 specifications, we ensure that your parts are silver-plated with finishes of your choice - matter, semi-bright, and fully bright. The purity of the silver that we plate ranges from 99.0% to as high as 99.9%.

We can also provide other additional services, such as heat treatment, masking, and plugging for your plated parts. The electronics, medical, electrical, and aerospace industries utilize our silver plating services, especially for the highly conductive nature of silver plating we offer. In addition, silver, with its resistance to oxidization, makes it an ideal choice for applications where corrosion protection is crucial.

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CAPABILITIES

Substrates	<ul style="list-style-type: none"> Aluminum Brass Copper Nickel Stainless Steel
Plating Capabilities	<ul style="list-style-type: none"> Barrel Plating Rack Plating
Additional Capabilities	<ul style="list-style-type: none"> Anti-Tarnish with exceptional protection (24% Sodium Sulphide Test Pass) Parts Stripping Parts-Cleaning Plugging
Underplating Options	<ul style="list-style-type: none"> Copper Nickel
Standards Met	<ul style="list-style-type: none"> ASTM B 700
Finish	<ul style="list-style-type: none"> Bright Matte Semi-bright

ASTM B 700 SPECIFICATIONS

Purity	<ul style="list-style-type: none"> • Type-1 99.9% Silver Minimum • Type-2 99.0% Silver Minimum • Type-3 98.0 % Silver Minimum
Hardness	<ul style="list-style-type: none"> • Grade A Matte, no brighteners in plating bath • Grade B Bright, by use of brighteners in plating bath • Grade C Bright, by mechanical or chemical polishing of Grade-A Grade D • Semi bright, by use of brighteners in plating bath
Post Treatment Classes	<ul style="list-style-type: none"> • Class N No chromate treatment • Class S With supplementary tarnish-resistant treatment

ADDITIONAL INFORMATION

Applications	<ul style="list-style-type: none"> • Bearing Surfaces • Electric Bus Bars • Electrical Contacts • High-Tech Electronic Components • Telecom RF Filters
Industries Served	<ul style="list-style-type: none"> • Aerospace • Automotive • Telecommunications • Computer Electronics • Household Appliances • Medical Equipment • Oil & Gas Equipment • Pharmaceutical • Solar • Tool & Die
Certifications	<ul style="list-style-type: none"> • ISO 9001:2015 Certified • ISO 14001:2015 Certified • ISO 45001:2018 Certified • RoHS Compliant • REACH Compliant • SA 8000:2014 Certified
Quality System Features	<ul style="list-style-type: none"> • Dedicated to company-wide continuous improvement • In-house testing facilities

Environmental System Features	<ul style="list-style-type: none">• ETP & Air scrubbers installed for air & water treatment
Professional Associations and Awards	<ul style="list-style-type: none">• Member of NEA (Noida Entrepreneur Association)
Service Features	<ul style="list-style-type: none">• A staff that understands the importance of quick response for our customers Production scheduling and production flexibility that minimize turnaround time