



Industry Uses:

- Optics
- Electronics
- Telecommunications

Coating Specification(s):

- AMS 2410
- AMS 2411
- AMS 2412
- ASTM B 700
- QQ-S-365

Finish Types:

- Bright, Semi-bright & Matte (solderable)

Substrates Plated:

- Melting Point: 1064.43° C
- Thermal Conductivity: 3.15 watts per cm per ° C
- Density: 10.5 gr/cc
- Reflectivity: 95%
- Thicknesses: 0.00001 - 0.01"

Call: (937) 253-5311

www.techmetals.com

Silver Plating

Without a doubt, Silver is one of the most popular finishes in the optical industry. With unique qualities such as its resistance to corrosion, high level of reflectivity and conductivity (both thermal and electrical), Silver is an obvious choice for the production of mirrors, optical lenses and electronic components.

Properties such as these are a big reason why it is so highly sought after in the plating industry. Techmetals regularly assists a wide variety of clients with Silver plating, such as aerospace, telecommunication, optics, electronics and defense industries to name a few.

We have over 50 years experience in the plating industry. Our services are backed by certifications from the industry's most stringent testing labs including Nadcap CT & CP, ISO 13485:2016, ISO 9001:2015, ITAR and more. You can rely upon Techmetals for both rack and barrel plating solutions in optical Silver. We take great pride in being your one-stop-shop for all of your optical plating needs.

Technical Advantages

- Anti-galling
- Highly ductile and malleable
- Excellent electrical conductivity
- Great reflectivity
- Solderable (matte)
- High temperature lubricity

