



Silver Plating Services & Specifications

In electroplating, silver is primarily used for industrial applications, particularly electrical connectors.

Silver electroplate can be applied in both rack and barrel plating methods. Silver plating specifications will specify matte, semi-bright or bright finish with or without a chromate post treatment to improve tarnish resistance. TWR offers Semi-Bright with or without chromate post treatment. Plating specifications also designate the base coating to be applied under the plating, such as copper or nickel.

Silver offers good corrosion resistance depending on the base metal. It will tarnish easily, but can be sealed with an anti-tarnish to slow process. Solderability is excellent, but will decrease with age. Silver is the best electrical conductor. Silver has excellent lubricity and smear characteristics for anti-galling uses on static seals, bushing etc.

PROPERTIES

ASTM B700 Types 1,2, and 3 (99.9% min purity), Grade D (Semi Bright) Class N (without Chromate) or Class S (with Chromate)

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof is not guaranteed. Since conditions of use are outside our control, user shall, before using, determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith.

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TWR Service Corporation
940 Lunt Avenue
Schaumburg, IL
60193

Toll Free: 800.886.8004
Phone: 847.923.0692
Fax: 847.923.0977

Email: info@twrservice.com
Web: www.twrservicecorp.com