



Gold Plating Services & Specifications

TWR Service Corporation's 24K gold plating process produces a hard, abrasion-resistant and wear-resistant coating. Gold plating has a bright mirror finish (dependant on substrate polish) which can be used for both decorative gold plating and electronic gold plating applications where a hard deposit is required.

Gold plating is valued for its physical properties in connector applications and the ability to resist corrosion and oxides forming on the surface, which could prevent conductivity in other applications. Gold plating provides good wear and contact resistance in low-pressure applications. Corrosion protection and excellent conductivity are two more added benefits of gold plating. Gold is a good conductor of heat and electricity, and is not affected by air and most reagents. Heat, moisture, oxygen, and most corrosive agents have very little chemical effect on gold, making it well-suited for use in a variety of industries.

PROPERTIES

ASTM B488 & MIL-DTL-45204 Type II (99.0% min purity) Grade C (129-200 Knoop)

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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