

TECHNICAL DATA SHEET

Industrial coating type GP

General notes:

- » Gold coating is generally used to improve scratch resistance, chemical corrosion and oxidation. In addition, it improves conductivity and helps ensure a reliable electrical connection highlighting its excellent quality as an electrical conductor. This type of coating is deposited by electroplating technique and it can be used for immunogold work with nickel grid handling. The 24-carat gold plated High precision tweezers can withstand a high volume of autoclaves.
- » Most common applications include microelectronics, TEM staining, immunogold work, electro-chemistry and nanotechnology work

**Mechanical properties**

This coating is hard and elastic and has a very good resistance to mechanical stress

Thickness

2-5 microns

Quality

24 carat

**Wear and abrasion resistance**

Improved resistance to wear and abrasion

**Aging**

Superior aging and oxidation resistance

**Chemical resistance**

Superior corrosion resistance to saltwater, alkalies and organic acids