

BioGold™

Enhanced Radiopaque Gold for Nitinol and Other Medical Devices

Properties

- Ductile
- Low Stress
- Up to 50 microns thick
- Radiopaque
- Biocompatible
- Selective Deposits
- Electrical Conductivity
- Smooth

Our Processes provide a highly ductile, biocompatible, cyanide free plating for:

- Guidewires
- Nitinol Wires
- Stents
- Implantable Devices
- Electrodes
- Micro circuitry
- Catheters
- Markers

Special Substrates

Opti-Bond™

Unique processes which provide maximum adhesion without alteration of the substrate.

Difficult to Plate Metals

Nitinol, cobalt chromium, invar, stainless steels, titanium, molybdenum, tungsten and mixed metal assemblies.

BioGold™

Complex geometries on non-metals including ceramics, plastics, glass and silicon.

Acteron Quality Assurance

BioGold™

On-line automated process controls.

Quality Control Laboratory

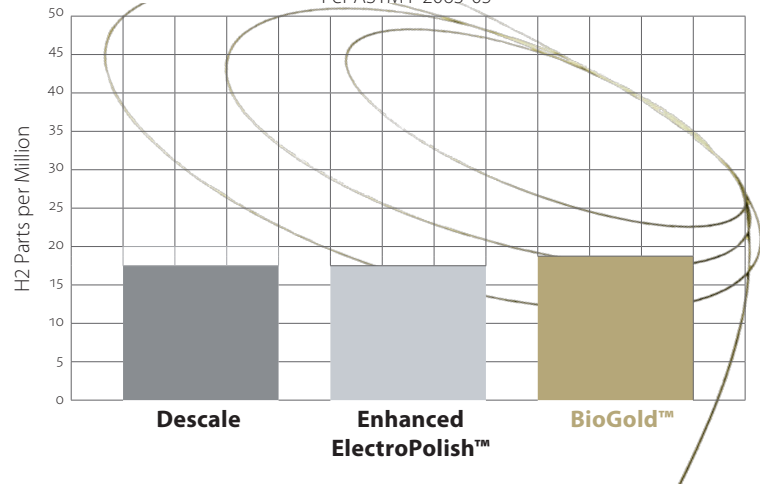
- Atomic absorption analysis
- Complete chemical laboratory
- Full engineering staff for process and analytical control

Advanced Inspection

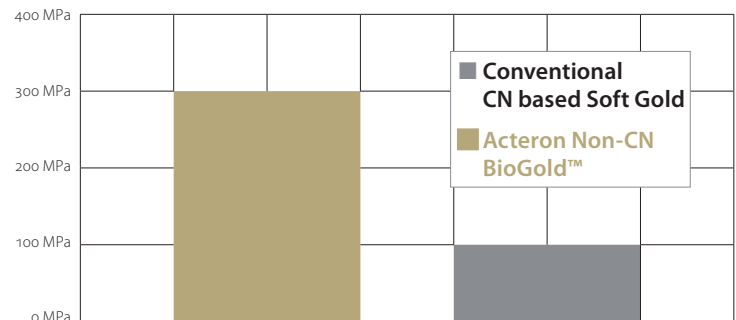
- X-ray fluorescence
- Thermal testing up to 1200°F
- Surface profile
- Laser measurement
- IR Spectrophotometer
- Electronic Impedance Spectroscopy (EIS)

Hydrogen Absorption Testing

Per ASTM F 2063-05



Deposit Stress of Conventional Soft Gold vs BioGold™



Acteron clean room.