



Gold Plating Services

Technical Data Sheet

Wood's Nickel Strike Solution

Bath & Brush Application

Gold Plating Services' **Wood's Nickel Strike Solution** is an acid nickel chloride solution used to prepare steel (stainless, mild, carbon, etc.) for plating. It simultaneously activates most steel surfaces while applying a thin nickel coating that will ensure maximum possible adhesion of subsequent plating. This solution can also be used to activate many other ferrous (iron-containing) metals or copper alloys.

Usage Notes:

- This is a consumable solution - the components break down with use and it is not intended to be replenished.
- Top off all evaporation loss with distilled water.
- This product will not apply a visible nickel deposit under normal application and will not provide brightening or a decorative plate like Bright Nickel Solution.

Operating Conditions

Temperature -	Room
Time -	20 - 30 Seconds - Over-activation can damage the surface, causing darkening once the surface has been plated
Voltage -	5 - 7 Volts
Bath Anode -	Nickel (preferred), Bagged Graphite, Platinized Titanium
Brush Anode -	Nickel Bit (preferred) or Platinized Titanium Bit with a Cotton Sleeve

Steel surfaces must be clean and free of excessively corroded or oxidized material. Best results are obtained by polishing the steel surface to the desired luster, either abrasively or by electro-polishing. The surface must then be cleaned with degreaser or electro-cleaned to be absolutely free of oily residue. Do not touch the cleaned surface.

Read and understand SDS sheets before using. For professional use by trained technicians only.

Gold Plating Services

378 North Main #112, Layton, Utah 84041
Phone (801) 546-6200 info@goldplating.com
www.GoldPlating.com