

# Antitarnish-A-100

## READY-MIX



Ready-for-use Passivation Solution  
for Immersion Processes

Antitarnish-A-100 **READY-MIX** is based on an aqueous, metal-free solution which contains an organic inhibitor as a fine dispersion. The passivation layer is applied by an immersion process and is designed for precious metal surfaces, especially silver.

### Characteristics

- Long-lasting protection against oxidation and discolouration.
- Absolutely no visible alterations regarding brilliance and colour.
- No negative influence on electrical properties; unaltered conductivity and contact resistance.
- Ideal for rack, barrel and continuous line plating.
- Excellent skin tolerance.
- Free of chromium (VI) compounds and solvents.
- Easy disposal of the used solution – biologically harmless.

### Necessary Equipment

- Bath tank: preferably polypropylene or glass tank provided with a built-in overflow.
- Heating system: temperature adjustable heater.
- Agitation equipment: workpieces and/or bath should be sufficiently agitated.

### Application

Begin the process with perfectly cleaned workpieces and continue with following steps:

1. Warm up Antitarnish-A-100 **READY-MIX** bath to 50°C.
2. If possible, ensure soft agitation of the passivation bath.
3. Dip workpieces into the passivation bath.
4. Take out workpieces after 5-8 min.
5. Firstly rinse in cold (room temperature) deionised water for 10-20 sec.
6. Then rinse in 50°C warm deionized water for 1 min.
7. Dry workpieces with hot air or in an oven at max. 60°C.

➔ Now the workpieces are passivated and protected against tarnishing and oxidation processes.

### Dosage

Antitarnish-A-100 **READY-MIX** is a ready-for-use solution.

### Disposal

Antitarnish-A-100 **READY-MIX** does not contain hazardous substances. The spent solution can be discharged into the sewage system according to local regulations.

Further information also at [www.antitarnish.info](http://www.antitarnish.info) or the material safety data sheet.

### Delivery Form & Storage

Antitarnish-A-100 **READY-MIX** is available in 1-liter-cans (order number: 6005001), 5-liter-cans (order number: 6005005) and 10-liter-cans (order number: 6005010). Storage stability of 24 months refers to the status in the closed original package in a frost-protected place at temperatures below 35°C.

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