

# GP03P

## Technical chart

Last revision

12/10/2012

READY TO USE GOLD PEN PLATING SOLUTION 0.3g/100ml PINK

Pag. 1/2

Colour **Pink**

[ L: 83,7 a: 12,3 b: 13,7 c: 18,4 ]

### Product description

GP03P is a galvanic solution for gold decoration using a pen plater. The main characteristics of this electrolyte are:

- *Pink colour*
- *Usage at room temperature*
- *Non-toxic product*
- *easy to use*

### Recommended applications

GP03P has been specifically developed for decorative application using a galvanic pen plater on the surface of precious metals. GP03P is best used in the creation of twin-coloured deposits on jewelry and costume jewelry.

### Deposit data

Density [g/cm <sup>3</sup> ]	19,6
Hardness [HV 0.01]	90-100
Thickness [µm]	0,1-0,3
Appearance	Shiny

### Operating data

	Range	Optimum
Time of exposure [s]	Few seconds	---
Operating temperature [°C]	20 - 30	25
Voltage [V]	See additional notes section	

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### Additional informations

#### Packaging

The product comes in a high-density polyethylene bottle.

**IMPORTANT: when you receive the product make sure that the cap is intact.**

#### Preparing objects

For maximum performance the objects to be treated should be cleaned beforehand using ultrasound wash treatments and special cleaning agents, then subjected to electrolytic degreasing treatment. For best results use of the SGR1 (see technical sheet) electrolytic degreaser is recommended.

#### Temperature

GP03P gives excellent performance at room temperature.

#### Choosing the correct voltage

The best voltage for using GP03P is to be chosen upon the kind of tip used on the pen:

- White tips: 9 - 11 V
- Brown tips: 8 - 10 V
- PENGRAF: 6 - 8 V

#### Equipment

GP03P should be applied by pen, using a galvanic pen plater. When using excessive tensions, the colour of the deposition will shift towards yellow rather than pink. Deposition with traditional electrodes requires anyway particular attention and care by the operator. In order to perform depositions in an easier way, Legor advises the usage of a special pad-type electrode, specifically designed for GP03P plating deposition.

#### Galvanic Bath Maintenance

GP03P can be used until spent without using any additives.

#### Safety Information

**Caution:** GP03P is a slightly alkaline, not corrosive and not toxic solution. Anyway, being a chemical compound, caution should be exercised, avoiding contact with the eyes and skin. Use gloves and safety goggles. For further information please refer to the relative safety sheet.

<b>Solutions for pen plating</b>	<b>Code</b>
Solution for pen plating (100ml package)	<b>GP03P</b>