

Technical data sheet and product guideline



GP03P

Pink gold pen plating solution

Color coordinates



L	83.7
a	12.3
b	13.7
c	18.4

Product form

Metal concentration	0.3 g/ 100 ml
Form	Liquid
Material color	Blue
Storage time	2 years
Format	Ready to use
Chemical type	Cyanide based
Volume	100 ml

Metal concentration

Metal	Range (g/l)	Optimal (g/l)
Gold	30	

Deposit data

Purity (%)	99.999
Hardness (HV 0,01)	90 - 100
Density (g/cm3)	19.6
Thickness (um)	0.1 - 0.3
Appearance	Shiny
Color	Pink gold

Preparation

GP03P is a ready-to-use pen plating solution at the concentration of 0.3 g/ 100 ml. No preparation is required.

Equipment

Power supply: Pen plating machine (5 Amp – 12 Volt rectifier)

Anode: A pen with a platinum collar

Tips: Fiber (white or brown)

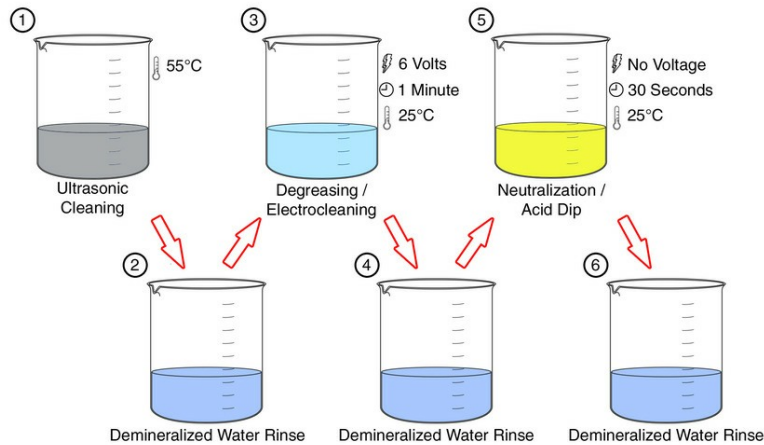
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Pre treatment Cleansing procedure



Bath maintenance

Use until the rhodium solution is completely exhausted without incorporating replenishment or additives.

Post treatment

Electrolyte should be removed from the surface as quick as possible. Rinse off the bath rests in a recovery rinse (still rinse). Rinse the parts in running water and dry.

Safety information

Being an acidic solution, the electrolyte is corrosive therefore is an irritant to the skin, eyes and mucous membranes. Caution should be exercised when using the product, avoiding contact with the eyes and skin. Use gloves and safety goggles. Keep away from cyanide based chemicals. For further information please refer to the relative MSDS.

Product usage

In order to choose the right working voltage, please consider that the optimum range strongly depends about the kind of tips is intended to use with the pen:

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

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Supplementary Information

TEMPERATURE

GP03P gives excellent performance at room temperature.

Disclaimer

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Packaging

