

Technical data sheet and product guideline

RH2PW

White rhodium for pen plating 2 g/100 ml ready-to-use



Color coordinates



L	86.1
a	0.6
b	2.4
c	2.5

Product form

Metal concentration	2 g (Rh)
Form	Liquid
Material color	Orange
Storage time	2 years
Format	Ready to use
Chemical type	Acidic
Volume	100 ml

Operating data

	Range	Optimal
Voltage (V)	10-12.5	11
Working temperature (°C)	20-25	20
pH	< 1	< 1
Deposition speed (µm/min)	5-20	15

Metal concentration

Metal	Range (g/l)	Optimal (g/l)
Rhodium	2	2

Deposit data

Purity (%)	99.9
Hardness (HV 0,01)	800-900
Density (g/cm ³)	11.2
Thickness (µm)	0.02-0.10
Appearance	Shiny
Color	White

Preparation

RH2PW is a ready-to-use pen plating solution at the concentration of 2g/100ml. No preparation is required.

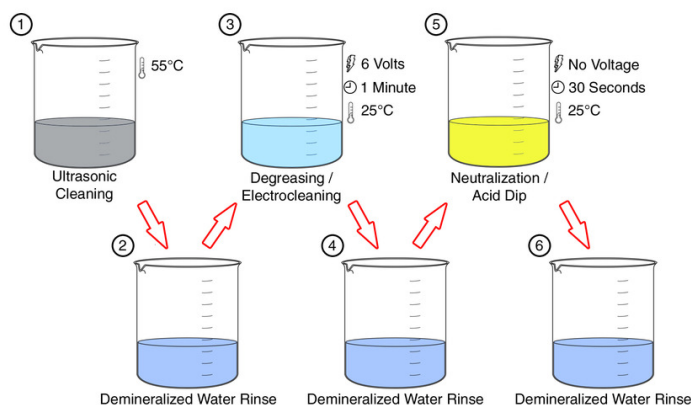
Equipment

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

Anode: A pen with a platinum collar

Tips: Fiber (white or brown)

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 DI 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.

Disclaimer

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Packaging



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