

Metal deposits



Pallega® pure FS

Pure palladium deposits at low metal content

The pure palladium process Pallega® pure FS is a weak alkaline electrolyte from which bright decorative white pure palladium layers can be deposited. Layers of Pallega® pure FS can be used up to about 0,5 µm as a diffusion barrier or as a flashpalladium in the bijou and optical frame production.



Properties and benefits

- Bright deposits
- Low palladium content
- Easy maintenance of the electrolyte
- $L^* = 84, a = +1, b = +6$

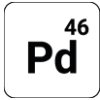
Application area

- Custom jewellery
- Optical frames

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Technical Data

Electrolyte parameters

Parameter	Range
Specific gravity	11 – 12°Bé/20°C
pH-value as Strike	7,0 – 7,2
pH-value as Flash	8,5 – 9,0
Palladium	1,5 – 2,0 g/l
Temperature	25 – 30°C
Agitation	Ca. 4 cm/sec
Anodes	Mixed oxide
Cathodic current density	approx. 0,5 A/dm ²
Current efficiency	approx.0,1 µm/min at 0,5 A/dm ²

Deposit characteristics

Appearance.....	silver grey
Purity.....	99,9 %
Specific gravity of the deposit.....	11,8 g/cm ³
Weight for 1 µm.....	ca. 120 mg/dm ²
Hardness HV/20 g.....	230 – 250
Contact resistance.....	1,1 m Ohm

Products available

3470000	Pallega® pure FS Make up 7:10
3470100	Pallega® pure FS Replenisher 1
3470200	Pallega® pure FS Replenisher 2
3476100	Pallega® pure Wetting agent
3475800	Pallega® pure Density correcting salt
3475900	Pallega® Purification resin
3474000	Pallega® Palladium solution 100

FOR ANY FURTHER INFORMATION WE WILL BE PLEASED TO BE AT YOUR DISPOSAL
PERSONALLY UNDER+ 43 (0)2287 71073 OR OFFICE@IWGPLATING.COM

Pallega pure FS_E

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