

Pen Plating Solutions

JE28	White Rhodium
JE29	Black Rhodium
JE26	Black Ruthenium
JE270	Gold - 14ct. (JE270-1), yellow (JE270-2), red (JE270-3)
JE39	Silver

Description

The high-quality Pen Plating Solutions are available in different metals and colors. They are especially suitable for partial deposition, for multi-color, repair and restoration processing of small surfaces. Coatings with 0,1 µm can be deposited.

Metal content

Rh JE28 / JE29	2 g Rh/ 100 ml
Ru JE26	2 g Ru/ 100 ml
Gold JE270-1/ JE270-2	2 g Au/ 100 ml
Gold JE270-3 (red)	1 g Au/ 100 ml
Silver JE39	2 g Ag/ 100 ml

Operating conditions

Bath temperature	Room temperature
Voltage	Rh 6-10 Volt
	Ru 6-10 Volt
	Gold (14ct., yellow) 6-8 Volt
	Gold (red) 3-5 Volt
	Silver 4-6 Volt

Form of delivery

- Ready for use

Operating instructions

- Shake the bottle before use.
- Fill a small amount into a separate work container
- The parts must be cleaned before (ultrasonic or electrolytically degreased)
- After degreasing rinse well and make the parts dry
- Fix the part with a pair of tweezers (minus pol) and plug in the pen plating unit
- Insert a felt tip into the handpiece (plus pol) and plug also into the pen plating unit

- Dip the felt tip into the pen plating solution and wait a moment (15-30 sec) so that the solution can be adsorbed
- While coating avoid any pressure, just go slowly with the felt tip on the part
- Rinse well in fresh water and make the part dry
- Do not fill back the used solution into the original bottle
- Afterwards the handpiece must be thoroughly cleaned with fresh water

Recommendation

To achieve the best possible results we recommend the use of our pen plating unit **Picco+** and the specially developed **MOX handpiece**. This has an excellent conductivity and is particularly indestructible.

Bath control and regeneration

Not possible.

Storage

Store closed and separated from food products and storage in convenient and special marked boxes. Do not bring in contact with other chemicals because the products contain cyanide or sulfuric acid.

Risks/Disposal

Before drain off the hydrous solutions in the canalization a liquid waste treatment should take place. The specifications of the local responsible water authority are to be regarded.

Please regard our safety data sheets!