

Arega[®] protect 100

Invisible deposits of high effectiveness

Arega[®] protect 100 is an aqueous passivation bath, free of metals which deposits transparent, colourless protective coatings on silver and gold-copper-alloy surfaces.

The protective system is based on a molecular nanobiotechnology. The molecules adsorb on the surface and cross link by forming a few nanometers thick protective layer.

The produced layer protects the surfaces from tarnishing, so discolouration can be prevented for longer period of time. Through passivation conductivity and soldering are only insignificant reduced.



Properties and benefits

- Free of heavy metals and therefore RoHS-compliant
- REACH-compliant
- Free of nonylphenol und nonylphenol ethoxylates
- Excellent test results in K₂S- and H₂S-test

Application area

- Application in electronic as well as customs jewelry industry
- For rack and barrel operation
- Application as electrolytic or dipping process



Technical Data

Working conditions		
	Electrolytic Process	Dipping Process
Temperature		
For Silver	55 °C	
For Gold-Copper	45 °C	
pH-Value	3,7 – 3,9	
Application time	5 – 10 min	
Volt	Rack: 2,5 V Barrel: 2,5 V	-

Deposit characteristics

Appearance.....transparent

Products available

- 4012200Arega® protect 100
- 4012250Arega® protect 100 Salt

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