



ARGUNA®-Alloy 1 Silver-Palladium-Electrolyte

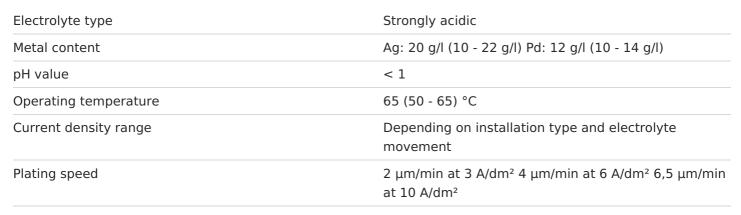
ARGUNA®-Alloy 1 for demanding requirements

This silver-palladium alloy is designed for use at high temperatures. Combining with the maintenance of a lower coefficient of friction and a high degree of hardness, the alloy is ideally suited for applications in the field of electrical contact surfaces and connectors.

This coating system demonstrates its strengths particularly when, for example in the electromobility sector, increased demands are placed on silver coatings. In comparison to established hard gold coatings, the silver-palladium alloy also offers significant potential for saving precious metals.

The silver-palladium alloy electrolyte, which can be integrated into a conventional electroplating process, is free of cyanide complexes and guarantees maximum performance and a long service life.







Coating characteristics

Coating	Silver-palladium
Colour of deposit	Grey
Brightness	Semi-bright
Hardness	220 - 260 HV
Density of the coating	10,4 g/cm3

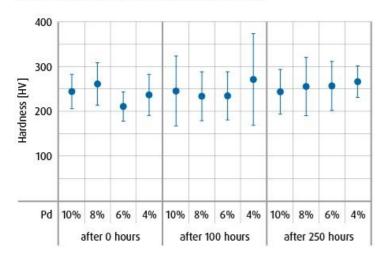
Advantages

- Hard and wear-resistant coatings
- Very good electrical properties
- Semi-bright coatings
- For continuous lines with flow or spraying technology

Applications

- · Electrical contact surfaces
- Connectors

Layer hardness depending on palladium content in the initial state and after heat treatment at 200° C



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