



WILAPLAT Silver Baths

Silver Pre-Plating Bath

Article No. 3090300402

Description

Electro silver plating can have the undesirable side effect of decoction silver plating (cementation), whereby silver plating without external electric takes place and has no adequate adhesion efficiency. This can be avoided by pre silver plating with which an excellent adhesion silver layering is obtained.

Application

WILAPLAT pre-plating silver bath is for use in a conventional electro-plating unit such as the WILAPLAT System. After cleaning and degreasing of the surface, the work pieces are suspended in the bath with the electrical current established by attaching to the anode rod. The rectifier is switched on at a low voltage setting, when the pieces are being immersed (depending on surface area, should be about 0.5 volts). At the end of the process all surfaces to be pre silver plated have been completely coated.

Operating Data

Silver Content	5.0 g/l
Temperature	20-30°C
Exposure Time	10-60s
Voltage*	2.0-4.0 Volts
Agitation	Required
Anodes	Stainless steel
Tank Material	Glass, alkali-resistant plastic (PP, PVC etc.)

Regeneration

Worthwhile for larger amounts. Regeneration must be based on analytical results for silver content and free cyanide.

Supply Forms

Ready for use
Make-up salt

Warning

Chemicals and materials used in electro-plating techniques can be corrosive or poisonous. During use, storage, transportation and disposal the relevant guidelines must be observed.

For further information see The EEC Safety Data Sheets