

## Post-treatment SLOTOCHEM NI 30

Post-Treatment SLOTOCHEM NI 30 improves the solderability of electroless nickel deposits if soft solders with or without lead are used.

Post-Treatment SLOTOCHEM NI 30 is an acidic solution, producing very thin palladium layers with a thickness of approx. 0.002 µm, which are not recognizable even by microscope. All other nickel layer features like visual appearance, hardness and abrasion resistance stay unchanged.

With an exposition time of approx. 3 minutes at room temperature the solderability is clearly improved. The positive effect remains constant even after longer period of storage at room temperature or after short-time heat treatment at > 200 °C.

The result obtained with Post-Treatment SLOTOCHEM NI 30 depends on the preceding electroless nickel process. Therefore Post-Treatment SLOTOCHEM NI 30 shall only be used in combination with Schlötter nickel processes and is especially recommended in combination with Electroless Nickel SLOTONIP 90.

Information about soldering test results at certain test conditions (type of test, flux, solder temperature, etc.) are provided upon request.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

### Important:

Please read these instructions carefully and follow recommendations given. We reserve the right to make technical changes as necessary. In the interests of safety, please pay attention to the R- and S- phrases on the labels of the containers. The minimum shelf life of the additives is printed on the label of the container. The current IMDS number of the layer deposited from the process can be found on the internet at [www.schloetter.com/downloads](http://www.schloetter.com/downloads).

For the storage of chemical products only the TRGS 514 and TRGS 515 regulations must be followed. The Hazardous Goods Regulation (ADR/GGVS) is only valid **for transportation** and must not be applied to storage.

