

RIAG Strip 893

Cyanide-containing stripper for nickel plated on steel

Properties

- Stripping of nickel, copper, cadmium and zinc on steel possible
- Base materials: Steel, iron and plastic
- Process temperature 50 – 70 °C

Make up

RIAG Strip 893 Salt (cyanide free)

Sodium hydroxide, tech. (NaOH)

Sodium cyanide, tech. (NaCN)

Range

60 g/L

10 – 20 g/L

80 – 120 g/L

Optimum

60 g/L

15 g/L

100 g/L

The necessary amounts of **RIAG Strip 893 Salt**, sodium hydroxide and sodium cyanide are dissolved in deionized water (respectively chlorine free water) and heated to the desired working temperature. The **RIAG Strip 893** is now ready to use. The higher the working temperature and the higher the work rod movement the shorter the time for stripping.

Attention: The absence of chlorine in the stripper is absolutely necessary in order to prevent pitting corrosion when stripping steel parts.

Safety advice

Please follow the recommendations according to the MSDS and the general advices when working with chemicals. Chemicals must not be stored below 10 °C.

Operating parameters

Temperature	60 °C (50 – 70 °C)
pH	>10, no monitoring necessary
Strip rate	depending on temperature, agitation and age of the solution
Agitation	mechanical rod movement or mechanical agitation of the electrolyte is recommended
Tank material	PP, PVC, rubber lined steel
Heaters	ceramic or glass heaters, thermostat-controlled temperature control is necessary
Cooling system	not necessary
Exhaust	absolutely necessary
Maintenance	the stripper can be reconditioned with RIAG Strip 893 Salt as soon as the strip rate decreases significantly

Liability

This instruction manual was compiled with reference to the state of the art and all current standards, and is based on the long-term knowledge and experience of RIAG. However, RIAG cannot monitor compliance with this instruction manual and the methods described herein at the customer/end-user's premises. Work carried out with RIAG products must be adapted accordingly to meet local conditions. In particular, RIAG cannot accept liability for damage, loss or cost incurred due to a failure to adhere to this instruction manual, improper application of the methods, unauthorised technical modifications, insufficient maintenance or the absence of maintenance in respect of the requisite technical hardware or equipment, or in the event of use by unqualified personnel. RIAG is not liable for damage or loss caused by RIAG or its employees except where intention or gross negligence can be proved. RIAG furthermore reserves the right to make changes in relation to products, methods and the instruction manual without prior notice.

Our goods and services are subject to the General Terms and Conditions for Delivery of the Association of Surface Technology Suppliers (VLO), which can be viewed at www.riag.ch (link "General Terms and Conditions", document "RIAG Oberflächentechnik AG (Wängi, Switzerland) 50 KB", version 1/2014), which we would be glad to send to you on request.

This transaction is governed by material Swiss law (Law of Obligations), excluding private international law (conflict of laws) and intergovernmental treaties, specifically the CISG.

RIAG Oberflächentechnik AG
Murgstrasse 19a
CH- 9545 Wängi
Tel. + 41 (0) 52 / 369 70 70
Fax + 41 (0) 52 / 369 70 79
www.riag.ch
info@riag.ch