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COLSTRIP RS 200

TECHNICAL DATA
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COLSTRIP RS 200 *ELECTROLYTIC RACK STRIP*

COLSTRIP RS 200	provides an anodic, electrolytic stripping solution that will quickly remove all commercially plated metals such as chrome, nickel, nickel-iron, electroless nickel, copper, zinc, cadmium, etc. from stainless steel rack contacts.
COLSTRIP RS 200	is a neutral formulation that is cyanide-free and does not contain concentrated nitric acid.
COLSTRIP RS 200	will strip copper or nickel at a rate of approximately 1-1.5 mils per minute.
COLSTRIP RS 200	is ideal for automatic rack stripping cycles.
COLSTRIP RS 200	will not attack stainless steel rack tips and coating.
COLSTRIP RS 200	has a long solution life.

OPERATING PARAMETERS

COLSTRIP RS 200 M:	25% by volume
pH:	6 - 7
Temperature:	120 - 140° F (50 - 60° C)
Agitation:	Mild Air or solution Agitation
Current Density:	300 - 600 ASF

EQUIPMENT

TANKS:	Can be fabricated from PVC or Koroseal lined tank, deep enough to accommodate sludge formation below rack bottom.
HEATING/COOLING:	Heaters and coils should be fabricated from stainless steel or titanium.
RECTIFIER:	0 to 12 Volts, ripple less than 15%, sized to provide 500 ASF.
CATHODES:	Stainless steel 304 or 316.

VENTILATION:	Consult local environmental agencies.
AGITATION:	Mild air or solution agitation is recommended.
pH:	Electronic or paper pH readings are required.

ANALYTICAL PROCEDURE

1. Fill tank with water to 50% of the final volume.
2. Add the required amount of COLSTRIP RS 200 M and stir.
3. Complete filling the tank with warm water while stirring to heat to operating temperature.
4. Adjust pH if necessary and the solution is ready for use.

HELPFUL HINTS

REQUIRED INVENTORY

COLSTRIP RS 200 M:	Component used for makeup.
COLSTRIP RS 200 R:	Component used for replenishment.
GLACIAL ACETIC ACID:	May be required to decrease the pH.

REPLENISHMENT/CONTROL

Maintain the pH between 6 and 7 using COLSTRIP RS 200 R or Glacial Acetic Acid. COLSTRIP RS 200 R is consumed at the rate of 1.5 L/1000 Amp-hr. and must be replenished. To maintain the indefinite solution life, the accumulated sludge must be periodically removed by decantation. The lost solution volume should be made up using COLSTRIP RS 200 M.

HANDLING & STORAGE

Columbia Chemical recommends referring to the specific product Safety Data Sheets for safety, handling, and storage precautions.

NON-WARRANTY

The data contained in this bulletin is believed by Columbia Chemical Corp. to be accurate, true, and complete. Since, however, final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assume responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.