

PMD (UK) LTD PROCESS DATA

PMD (UK) Ltd, Broad Lane, Coventry, CV5 7AY, England. Telephone 024 7646 6691 Fax 024 7647 3034
Web Site: www.pmdgroup.co.uk Email: sales@pmdgroup.co.uk

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PROCIRC 9361 TIN-LEAD STRIPPER

INTRODUCTION

Procirc 9361 Tin-Lead Stripper is a single stage, non-sludging, non-peroxide, fluoborate free stripper for use in the printed circuit industry. It is specially formulated for fast removal of plated tin or tin-lead.

BENEFITS

High speed stripping action.

No Fluorides or Peroxides present for safe operation in most types of equipment.

Non sludging up to 150 g/l tin-lead for ease of operation and reduced jet blocking.

Bright copper finish with minimal etch.

Exotherm minimal.

Bleed and feed system for continuous operation.

SOLUTION MAKE-UP

Procirc 9361 Tin-Lead Stripper is supplied ready for use.

OPERATING DATA

Temperature	25 - 35 deg C
Time	20 - 120 seconds
Stripping Rate	20 - 40 micron/min spray 4 - 15 micron/min dip
Agitation	Work movement recommended for dip use.
Extraction	Recommended.

EQUIPMENT

Tanks Dip - Polypropylene/Polyethylene
Spray - Polypropylene/Polyethylene/PVC
Unplasticised)

NB Nylon parts are not recommended.

Heaters PTFE or titanium.

If in any doubt as to the compatibility of equipment consult PMD (UK) Limited Technical Department.

INSTALLATION

It is essential that the tanks to be used for Procirc 9361 Tin-Lead Stripper are cleaned and leached thoroughly before any stripper is added. Contact PMD (UK) Limited Technical Department for appropriate procedure.

1. Fill the clean, empty tank with Procirc 9361 Tin-Lead Stripper to operating volume.
2. Heat to operating temperature.

PROCESS SEQUENCE

1. Tin-Lead strip.
2. Water rinse.
3. Water rinse.
4. Dry.

MAINTENANCE AND CONTROL

Replace drag-out losses with fresh Procirc 9361 Tin-Lead Stripper.

Change solution when S.G. reaches 1.35 or when stripping speed becomes unacceptable.

Feed and bleed can be used to control optimum stripping requirements. See analysis method.

THROUGHPUT

Under optimum operating conditions typically achievable figures are 2.7 m² (27 - 28 ft²) of 6 micron plated tin-lead per litre Procirc 9361 Tin-Lead Stripper.

ANALYSIS METHODS

Simple S.G. determination will indicate dissolution of tin-lead.

Replenishment, if necessary, is to within an established S.G. based on requirements.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products or product families are referred to in this data sheet.

<u>Product Name</u>	<u>Product Number</u>
Procirc 9361 Tin-Lead Stripper	937014

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