



Technical Data Sheet

Product Code: 0005392 Revised Date: 5/01/2025

PRO/Strip 3040

Product Description

PRO/Strip 3040 is an economical, single step, nitric acid / ferric nitrate-based tin and tin-lead stripping solution designed specifically for spray applications. Depending upon use, PRO/Strip 3040 can strip up to 210 g/L (28 oz/g) total metal with minimal precipitate formation. PRO/Strip 3040 is equally effective stripping plated or fused solder. PRO/STRIP 3040 is suitable for feed and bleed replenishment.

Performance Features

- High throughput yields while minimizing precipitate (sludge) formation.
- Designed for operation in spray application and is suitable for feed and bleed replenishment.

Physical Specifications

Physical State	Liquid
Appearance	Transparent Amber
Odor	Characteristic Nitric Acid Odor
Stability	Stable
Specific Gravity	1.20
pH	< 1

Equipment Requirements

Tanks: Constructed Of Polypropylene, Polyethylene, PVC Or CPVC.

Heaters: Quartz Or Teflon Encased Steel.

Racks: Should Be Polyethylene, Polypropylene, Or Plastisol Coated Steel.

Cooling Coils: Constructed Of Polyethylene, Polypropylene, Or Plastisol Coated Steel. Cooling Coils Are Required During Operation.

Ventilation: Recommended

Product Make-Up

PRO/Strip 3040 should not be diluted prior to use. Assure all tanks or process equipment is thoroughly cleaned prior to adding PRO/Strip 3040. Refer to the procedure below.

Procedure

1. Thoroughly rinse the tank and inspect for cleanliness, paying special attention to the heaters, heater sheathings, and cooling coils.
2. Add PRO/Strip 3040 to the desired volume.

Operating Parameters

Before preparing the working bath, make sure the tank is clean and free of all prior chemistry, dirt, or previous solution deposits. Heat the bath to 80 - 95°F. DO NOT HEAT ABOVE 95°F. The optimum bath temp is 80°F. Adjust the conveyor speed so the breakpoint occurs at 60 - 70% within the spray chamber.

Replenishment

PRO/Strip 3040 can be operated on a feed and bleed addition basis utilizing a specific gravity controller. Strip time will increase with solution use and metal concentration. The temperature of the stripping bath will affect the strip rate exponentially as the temperature increases. As the bath ages the strip speed will diminish. Additions can be made based on acid normality or to maintain the specific gravity at 1.31. Additions of PRO/Strip 3040 can be made directly to the bath to maintain solution level.



+1 (763) 582-1140 | +1 (800) 966-2909 | 13505 Industrial Park Blvd. Plymouth, MN 55441 | seacole.com





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Safety and Handling

Read and understand this product SDS before handling

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

PRO/Strip 3040 is available in 5-gallon pails, 55-gallon drums, and 275-gallon totes.



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