

# ACCU-LABS INC.

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**A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01**

## 323 METAL STRIP

**ACCU-LABS 323** Metal Strip is an acidic liquid material that is mixed with nitric acid and water for the rapid removal of nickel, copper, silver, zinc, cadmium, gold, brass, lead and tin/lead alloys from aluminum or stainless steel parts. No electrical current is needed as **323** Metal Strip dissolves the coatings chemically. A fresh solution of **323** Metal Strip will remove approximately 1 mil of nickel per minute. A typical removal rate over the entire life of the solution will average over 5 mils per hour.

### MAKE-UP

- **ACCU-LABS 323** Metal Strip is typically made up at a concentration of 5% with the balance of the bath being equal measures of 42° Be' nitric acid and water.
- Add required amount of water.
- Slowly add the required amounts of nitric acid 42° Be' and **323** Metal Strip.

### OPERATING GUIDELINES

- Stripping is performed by immersing parts in the solution for the time required for complete removal of the plated metal followed by thorough rinsing.
- Stripping rates may be increased by heating the solution but temperatures in excess of 110°F should be avoided. Cooling coils may be required if excessive heat is generated by work volume or shop conditions.
- When the stripping rate of the **323** bath falls below an acceptable level, it is advisable to discard the solution as additions will not economically improve performance. Additions may be required to maintain desired solution level.

### CONTROL

No analytical control of **323** Metal Strip is recommended as the decreased of the stripping rate will indicate the necessity of discarding the solution. Disposal should be performed in accordance with all applicable regulations.

## **EQUIPMENT**

**ACCU-LABS 323** Metal Strip should be contained in any equipment suitable for handling nitric acid, typically stainless steel.

## **CAUTION**

**323** Metal Strip requires the same handling precautions as when working with nitric acid. Eye protection and personal protective gear should be used when handling or working with **323** solutions. Adequate ventilation is required. Read MSDS prior to using.

In case of contact with skin, flush with large amounts of cold water. In case of contact with the eyes, flush with cold water and obtain medical attention.

## **DISCLAIMER**

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