

VOC-FREE RMA FLUX PEN & REFILLS



Product Description

Our VOC-Free RMA flux is a homogeneous solution of water-white rosin in a solvent system with a brominated organic activator. It is completely chloride-free. The flux is widely used in electronic applications requiring excellent soldering activity and yielding residues with high water-extract resistivity. This flux becomes active above 175°C / 340°F, attaining peak activity in the temperature range 200-260°C / 390-500°F, where it promotes excellent solderability. It can also be used for high-temperature soldering applications, such as mag-wire tinning at temperatures in the 400-430°C / 750-800°F range.

Key Features

- **Formulated for Solder Flux Pens**
- VOC-Free, RMA formulation.
- For use with lead-free and lead-bearing alloys.
- Formulated to reduce spattering upon contact.
- For general purpose soldering of PCBs, wire, cable, and semiconductors.
- Excellent for a variety of metals including copper, gold, nickel alloys, silver, and tin.
- Can be used for automated and manual hand soldering operations.

Availability

- **PEN-RMA-VF** – 10mL Refillable Flux Pen
- **PEN-RMA-VF-SET** – 10mL Flux Pen with 5 Refills
- **REFILL-RMA-VF** – 50mL Bottle for Flux Pen Refill



DIRECTIONS

SRA VOC-FREE RMA Flux can be applied by foaming, brushing, dipping, rolling and spraying. Soldering need not be carried out immediately after fluxing. The residues are completely non-corrosive, non-conductive and fungus-proof, and need not be removed. However, cleaning is easily accomplished by vapor-degreasing methods, using appropriate solvent systems.

SPECIFICATIONS

SRA VOC-FREE RMA Flux meets all the requirements of Mil-F-14256.

PHYSICAL PROPERTIES

Form	Light Brown Liquid
Specific Gravity	0.859 ± 0.025 @ 20-25°C/68-77°F
Density	7.16 lbs./gallon @ 20-25°C/68-77°F
Solids Content	20% ± 1.0%
Free Acidity	None
Chloride Content	None
VOC Content	0%
Inorganic Cations	None
Recommended Soldering Range	200-260°C/390-500°F
Spread Factor	80 minimum
Flash Point (TCC.)	122°C
Boiling Point	255-261.5°C
Freezing Effects	None
Residue Characteristics	Non-Corrosive, Non-Conductive

This Product is RoHS Compliant

SAFETY PRECAUTIONS

SRA VOC-FREE RMA Flux should be used in adequate ventilation to remove flux fumes, along with fumes from the soldering station. Avoid contact with skin and eyes and avoid breathing vapors.

Refer to the Safety Data Sheet (SDS) for additional safety information.

SRA VOC-FREE RMA Flux has a two (2) year shelf life.

