



# NC Flux Pen



## No-Clean Liquid Rework Flux

### Features:

- Passes SIR in Raw State
- Halide-Free
- Excellent Wetting
- Low-Residue
- Wide Process Window
- Extremely Safe for Rework

### Description:

AIM's NC Flux Pen contains a low- to medium-solids, no-clean liquid flux formulated to leave minimal post-process residues that are pin testable without cleaning. NC Flux offers an excellent activity level with good performance on bare copper, solder coated and organic coated PWBs, leaving negligible post-process residues that are non-conductive and do not require post-process cleaning. NC Flux is safe to be left on the circuit board and passes SIR in the raw state.

### Cleaning:

NC Flux can be cleaned, if necessary, with saponified water or an appropriate solvent cleaner. Please refer to the AIM No-Clean-Cleaner Matrix for a list of suitable cleaning materials.

### Handling:

- NC Flux has an unopened shelf life of 1 year when stored at room temperature.
- Do not store near fire or flame.
- Keep away from sunlight as it may degrade product.
- Reseal any opened containers.

### Safety:

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

### Physical Properties:

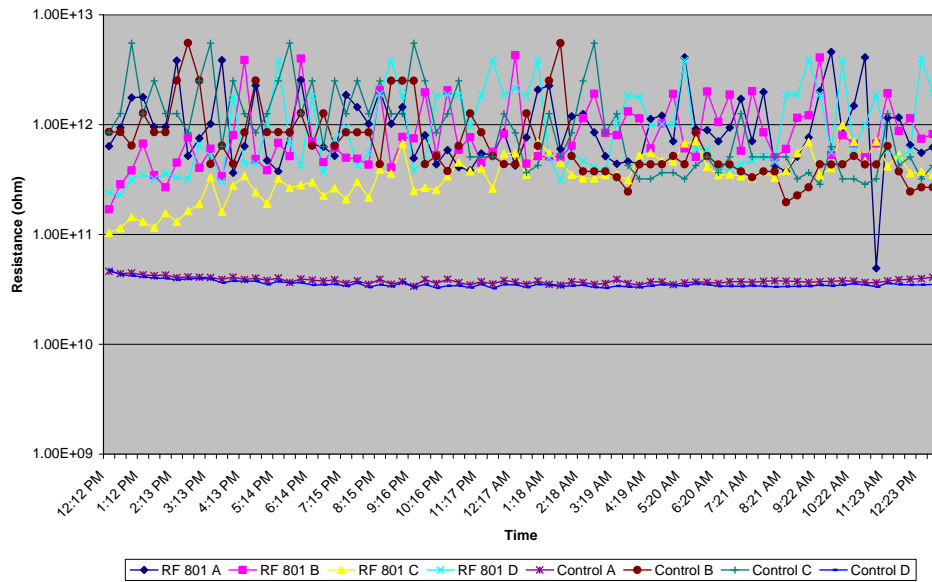
Parameter	Value
J-STD-004	ROL0
Visual	Light Yellow
Odor	Aromatic (Slightly)
Solids Content	3.57%
Acid Number	12.82 mg KOH per gram flux

Parameter	Value
Specific Gravity	0.79 (water = 1)
Flash Point	12°C
Boiling Point	80°C
pH (1% solution /water)	Acidic

### Corrosion Testing:

Parameter	Requirements	Results
Copper Mirror (24 hrs @ 25°C, 50%RH)	IPC-TM-650-2.3.32	Low
Halide Test (Silver Chromate)	IPC-TM-650-2.2.33	Pass

## Raw Flux Surface Insulation Resistance Results:



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AIM IS ISO9001:2008 & ISO14001:2004 CERTIFIED

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