



Paste Flux

Features:

- Excellent Wetting
- Wide Process Window
- Tin-Lead and Lead-Free Compatible
- Used for Ball Attach

Description:

NC254 Paste Flux is a no clean tacky/rework flux designed to wet virtually all solderable electronic surfaces, components, assemblies, and substrates. AIM NC254 Paste Flux may be used for general touch up or rework of printed circuit boards, and for attaching spheres to ball grid array (BGA) packages. The superior wetting ability of NC254 Paste Flux results in bright, smooth and shiny solder joints whether reflowed by hand, hot-air rework station, convection reflow oven, or vapor phase soldering systems. Residues that remain on surfaces after soldering are clear, leaving a cosmetically appealing repair that can be easily pin probed during in-circuit test. NC254 Paste Flux is compatible with all tin-lead and lead-free alloys and is suitable for a wide range of applications. NC254 Paste Flux can be brushed, dispensed, pin transferred, or stencil printed. NC254 Paste Flux is available in 10cc and 30cc syringes.

Flux Application:

- When being used in rework, application should be limited to the area being worked.
- Application via dispense needle, brush or a cotton swab is recommended.
- NC254 Paste Flux needs to see an SMT style reflow profile to render it fully inactive.

Cleaning:

- NC254 Paste Flux can be cleaned, if necessary, with saponified water or an appropriate solvent cleaner.
- Please refer to the AIM Cleaner Matrix for a list of suitable cleaning materials.

Handling and Storage:

- NC254 Paste Flux has a refrigerated shelf life of 1 year at 4°C (40°F) to 12°C (55°F), and 6 months at room temperature.
- Allow the paste flux to warm up completely and naturally to ambient temperature (2 hrs.) prior to use.
- Do not store new and used paste flux in the same container.

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	ROLO
Acid Number	105-120 mg KOH per gram flux

Parameter	Value
Viscosity	Gel-like consistency
Residues	Amber

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The information contained herein is based on data considered accurate and is offered at no charge. Product information is based upon the assumption of proper handling and operating conditions. All information pertaining to solder paste is produced with 45-micron powder. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of any materials designated. Please refer to <http://www.aimsolder.com/Home/TermsConditions.aspx> to review AIM's terms and conditions.

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