

# Technical Bulletin

## PF608 No Clean Paste Flux

### DESCRIPTION

PF608 is a Halide-Free No Clean paste flux (also known as tacky flux) designed for PCB assembly and rework applications. PF608 was originally designed for Lead-Free applications but may be used for both Leaded and Lead-Free circuit board assembly and rework applications. PF608 post-soldering residues are non-corrosive and non-conductive. PF608 is available in syringes for easy dispensing or in jars.

### FEATURES & BENEFITS

- Robust tacky flux
- Halide-Free
- Non-corrosive/Non-conductive residues
- May be used for Leaded and Lead-Free applications

### APPLICATION METHODS

Paste Fluxes are recommended for touch up and repair of surface mount assemblies. Paste Fluxes may be applied by brushing, dipping or dispensing onto the appropriate areas, then heated using conventional methods.

### TECHNICAL SPECIFICATIONS

Flux Classification	Specification	Test Method
Colour & Appearance	ROLO	IPC-J-STD-004B
Copper Mirror	Light amber semi-solid	
Corrosion	No removal of copper film	IPC-TM-650 2.3.32
SIR	Pass	IPC-TM-650 2.6.15
pH (5% Aqueous Solution)	$>1.0 \times 10^8$ ohms	IPC-TM-650 2.6.3.3
Conductivity( $\mu$ S/cm) Shelf	$3.9 \pm 0.5$	
Life	$19.0 \pm 5.0$	
	1 Year from DOM	

### CLEANING

PF608 residues are non-corrosive, non-conductive, so residue removal is not required. If removal of post soldering residues is desired, we recommend using Qualitek Everlkeen1005 Buffered Saponifier.

### HANDLING & STORAGE

PF608 can be stored at ambient temperature. Paste Flux should be stored in a sealed container and disposed of in accordance with federal, state and local authority requirements.

### AVAILABILITY

8 gram 10 cc Syringes  
24 gram 30 cc Syringes  
50 gram 3 oz. Jars  
100 gram 4 oz. Jars

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## HEALTH & SAFETY

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

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