



Qualitek Group Of Companies

Qualitek PF608 NO CLEAN Paste FLUX

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Physical Properties

Qualitek has developed a unique mixture of high grade synthetic resin and thixotropic agents designed specifically for use with both high *and* low temperature lead free alloys as well as conventional Sn/Pb alloys. It provides the fluxing activity levels that promote fast wetting action and maximum wetting spread.

Main Features

- ❑ Excellent wettability
- ❑ Non-conductive, non-tacky residues
- ❑ Compatible with both high and low temperature Lead Free & Leaded Solder Systems

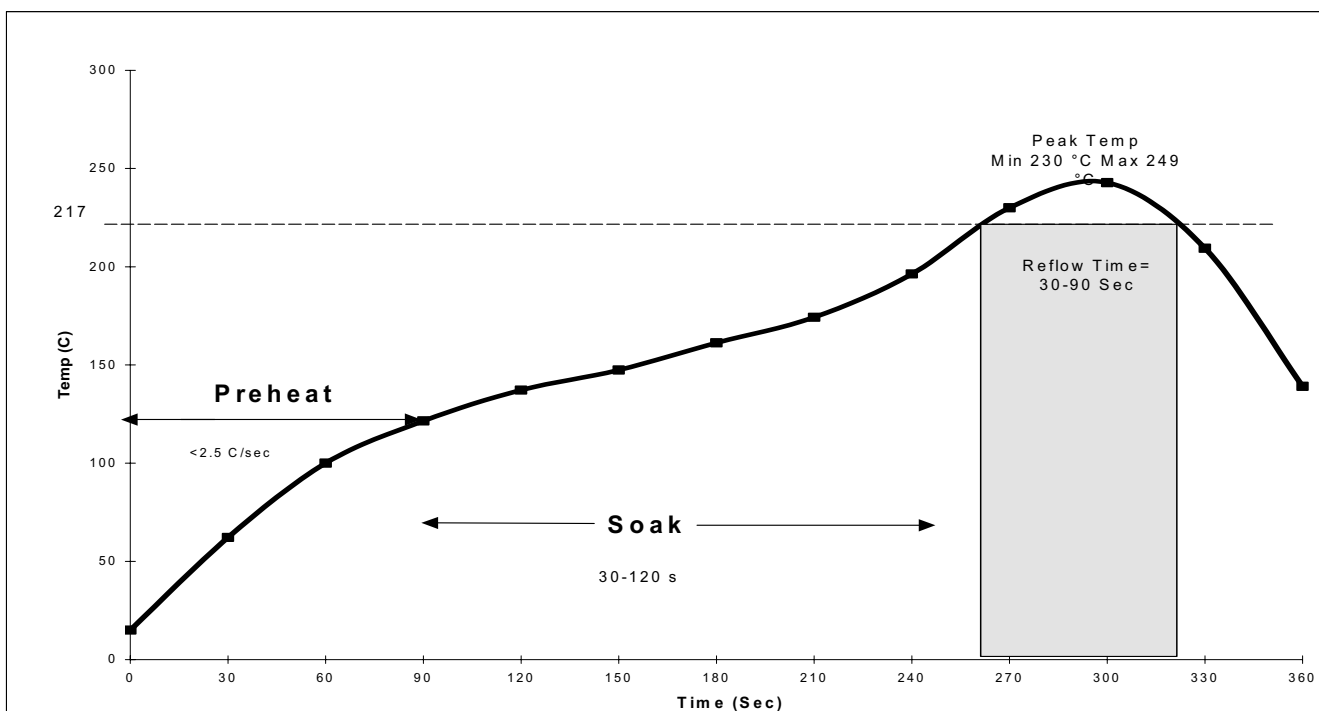
Flux Classification	Specification	Test Method
Flux Classification	ROL0	JSTD-004
Copper Mirror	No removal of copper film	IPC-TM-650 2.3.32
Silver Chromate	Pass	IPC-TM-650 2.3.33
Corrosion	Pass	IPC-TM-650 2.6.15
SIR		
JSTD-004,	2.36×10^{13} ohms	IPC-TM-650 2.6.3.3
Bellcore (Telecordia)	5.24×10^{12} ohms	Bellcore GR-78-CORE 13.1.3
Electromigration	Pass	Bellcore GR-78-CORE 13.1.4

Applications

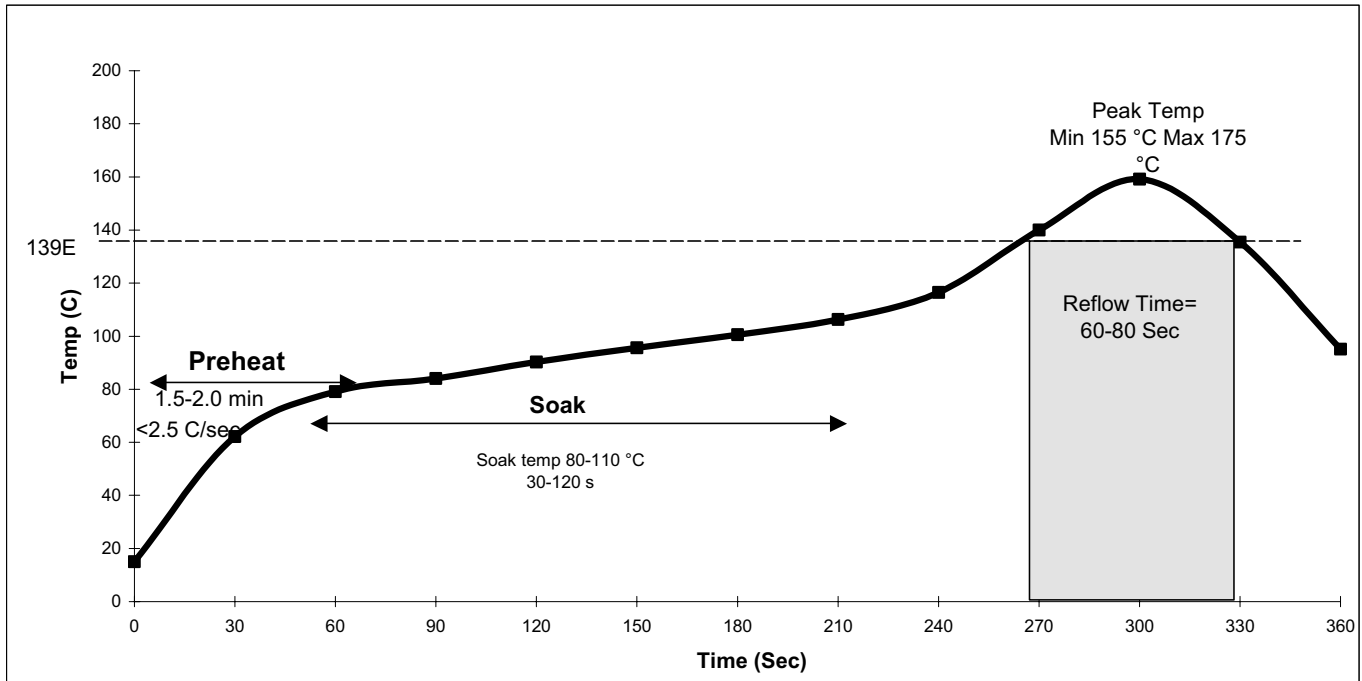
Flux Application

Paste fluxes are recommended for touch up and repair of surface mount assemblies. Paste fluxes may be brushed, dipped or dispensed on the appropriate areas and then heated using conventional methods.

Reflow – High Temperature



Reflow – Low Temperature



CLEANING

PF608 is a no clean formulation therefore the residues do not need to be removed for typical applications. If residue removal is desired, the use of Everkleen 1005 Buffered Saponifier with a 5-15% concentration in hot 60 °C (140 °F) will aid in residue removal.

Storage & Shelf Life

Paste flux should be stored in a 65-80 °F environment away from direct heat and flame. The flux shelf life with these recommended storage conditions is 1 year (DOM).

Disposal

PF608 should be stored in a sealed container and disposed of in accordance with state & local authority requirements.

Packaging

PF608 No Clean Paste Flux is available in

- 8 gram 10 cc Syringes
- 24 gram 30 cc Syringes
- 50 gram Jars