



Paste Flux

PF200, PF400, PF600, PF700

QUALITEK®

DESCRIPTION

PF200, PF400, PF600 are mixtures of high grade synthetic resin, rosins and thixotropic thickeners. Residues after soldering are non-corrosive, non-conductive and highly insulated. PF700 is a mixture of organic acid, thixotropic thickeners and surfactants, which aid in water removal of post soldering residues.

BENEFITS

- ≡ Rapid wetting on virtually all types of substrates
- ≡ High tack force
- ≡ Long tack time

APPLICATION METHODS

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

RESIDUE REMOVAL

PF200, PF600 are non-corrosive, non-conductive and highly insulated therefore residue removal is not required. Post soldering residues from PF200, PF400, and PF600 may be removed with CFC substitutes or Qualitek #1005 buffered saponifier). PF700 requires only hot DI water (120≡ F) for residue removal.

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PHYSICAL & CHEMICAL CHARACTERISTICS

	PF200	PF400	PF600	PF700
Color & Appearance	Amber Paste	Amber Paste	Amber Paste	Amber Paste
W.E.R.	>100,000 ohms	>100,000 ohms	>100,000 ohms	N / A
pH	5.0 – 5.7	4.0 – 4.6	5.1 – 5.7	2.6 – 2.8
Copper Mirror Test	Pass	Pass	Pass	Pass
Silver Chromate Test	Pass	Pass	Pass	Pass
Surface Insulation Resistance (ohms)	>1.0x10 ⁹	>1.0x10 ⁹	>1.0x10 ⁹	>1.0x10 ⁹
Storage Temperature	72 - 80≡ F	72 - 80≡ F	72 - 80≡ F	35 - 65≡ F
Shelf Life	1 Year	1 Year	1 Year	6 Months

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