



QUALITEK[®] PASTE FLUX

PF200, PF400, PF600, PF700

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Description

Qualitek® offers several types of paste fluxes designed for assembly and rework applications. PF200, PF400 and PF600 are mixtures of high grade synthetic resin, rosins and thixotropic thickeners. Their residues after soldering are non-corrosive, non-conductive and highly insulated. PF700 is water soluble and is a mixture of organic acid, thixotropic thickeners and surfactants.

Main Features

- Rapid wetting on all types of substrates
- Easily dispensed from syringes
- Easy removal of PF700 residues

Physical & Chemical Characteristics

	PF200	PF400	PF600	PF700
Color & Appearance	Amber Paste	Amber Paste	Amber Paste	Dark Amber Paste
Flux Type	R.M.A.	R.A.	No Clean	Water Soluble
Flux Classification IPC-J-STD-004B	ROL0	ROM1	REL0	ORM0
pH Value	4.0 – 5.0	5.5 – 6.5	4.0 – 5.0	2.4 – 3.0
Copper Mirror Test	Pass	Pass	Pass	Pass
Surface Insulation Resistance (ohms)	>1 x 10 ⁹	>1 x 10 ⁹	>1 x 10 ⁹	>1 x 10 ⁹
Storage Temperature	65 – 80 °F	65 – 80 °F	65 – 80 °F	35 – 65 °F
Shelf Life	1 Year	1 Year	1 Year	1 Year

Application Methods

Paste Fluxes are recommended for touch up and repair of surface mount assemblies. Paste Fluxes may be applied by brush or dispensed from a syringe in the appropriate areas, then heated using conventional methods.

Residue Removal

PF200 and PF600 are non-corrosive, non-conductive so residue removal is not required. Post soldering residues from PF400 may be removed using Qualitek Everkeen1005 Buffered Saponifier. For organic based PF700, we recommend hot deionized water (120 °F) for residue removal.

Packaging

Qualitek Paste Fluxes are packaged in:

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

Disposal

Paste Flux should be stored in a sealed container and disposed of in accordance with federal, state & local authority requirements.