



# QUALITEK<sup>®</sup> 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**

	<b>PF200</b>	<b>PF400</b>	<b>PF600</b>	<b>PF700</b>
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 <sup>9</sup>	>1 x 10 <sup>9</sup>	>1 x 10 <sup>9</sup>	>1 x 10 <sup>9</sup>
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.