



QUALITEK[®] 125 ROSIN FLUX

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Description

Qualitek® 125 is a non-activated Rosin flux (Type R) composed of pure water-white gum rosin and isopropanol. Qualitek 125 meets all of the requirements of ROL0 per IPC-J-STD-004B specifications. Since 125 is a rosin flux, the residues are non-corrosive and non-conductive.

Main Features

- Non-corrosive residue
- Included in Qualified Products List (QPL)

Technical Data

| | Specification | Test Method |
|--|----------------------|--------------------|
| Flux Classification | ROL0 | IPC-J-STD-004B |
| Color and Appearance | Amber Liquid | |
| Copper Mirror | Pass | IPC-TM-650 2.3.32 |
| Specific Gravity (g/cm³) | 0.844 ± 0.006 | |
| Solids Content, % Wt. | 25 ± 1.5 | IPC-TM-650 2.3.34 |

Applications

Flux Application

125 Rosin Flux may be used for all sensitive electronic assemblies where residues removal is not feasible. This flux is recommended for tinning wire and component leads, as well as, for repair of printed circuits. 125 may also be used as a solderability test flux for quality control of incoming printed circuit boards and component leads. 125 may be applied by spray, brush or dip methods.

Process Control

Control of flux is necessary to assure consistent amount of flux is applied during use. Should the flux become viscous due to solvent loss, control of the flux can be achieved with 100T thinner.

Flux Residues and Cleaning

Post-soldering residues are non-corrosive and non-conductive so may be left on the assembly. Residues may be removed with Qualitek Everkleen 1005 Saponifier in an aqueous cleaning system.

Storage & Shelf Life

Liquid flux should be stored in cool dry environment, away from direct heat and flame. Shelf life is 2 years from date of manufacture.

Packaging

125 Rosin Flux is available in 1 Gallon and 5 Gallon containers and 55 Gallon drums.

Disposal

125 Rosin Flux contains hazardous ingredients therefore the flux should be disposed of in accordance with federal, state, local & federal authority requirements.

Qualitek® is a brand of Qualitek International, Inc.