



QUALITEK®

125 and 140 Rosin Flux (non-activated)

DESCRIPTION

125 and 140 are non-activated rosin fluxes composed of pure water-white gum rosin and isopropyl alcohol. 125 and 140 meet all the requirements of type ROL0 flux per J-STD-004 (Formerly MIL-F-14256).

BENEFITS

- Non-corrosive, non-conductive residue
- Meets J-STD-004 (MIL-F-14256)
- QPL listed

APPLICATION METHODS

125 and 140 can be used on all critical and sensitive electronic assemblies where flux residue removal is not feasible. 125 and 140 are recommended for use in tinning stranded wire, component leads, and touch-up work for printed circuits. 125 and 140 may also be used as solderability test fluxes for quality control of incoming PC boards and component leads.

125 and 140 can be applied by brush, dip, or spray methods. Should the fluxes become viscous due to solvent loss, simply thin by adding Qualitek 100 thinner.

PHYSICAL & CHEMICAL CHARACTERISTICS

	125	140
Color and Appearance	Amber Liquid	Amber Liquid
Solids Content, % (By Wt.)	25 +/- 1.5	40 +/- 1.5
Specific Gravity	0.844 +/- 0.006	0.882 +/- 0.006
Flux Classification per J-STD-004	ROL0	ROL0
Flash Point	53°F	53°F
Water Extract Resistivity	>150,000 ohm-cm	>150,000 ohm-cm
Shelf life (un-opened)	2 years	2 years

RESIDUE REMOVAL

The post-soldering residue is non-corrosive, non-conductive, non-hygroscopic, and may be left on the assembly. Residues may be removed with a CFC substitute or Qualitek Everkleen 1005 saponifier in an aqueous cleaning system.

PACKAGING & STORAGE

125 and 140 flux are available in 1, 5 and 55 gallon containers. It should be stored in cool, dry place away from ignition sources.

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Consult MSDS for health and safety information