



QUALITEK®

735-VF/735-VFF

(spray version) (foaming version)

Water-soluble, Organic Acid VOC-Free

DESCRIPTION

735-VF/VFF is a water removable VOC-free flux designed for mass soldering of printed circuit and other electronic hardware. The unique activator system permits exceptional wetting on a wide variety of metallic substrates.

BENEFITS

- VOC-Free
- Excellent wetting on virtually all types of substrates
- Very bright shiny joints

APPLICATION METHODS

735-11VF may be applied by spray, brush, or wave methods. 735VFF is designed specifically for foaming applications. The applicator and reservoir for this flux should be plastic or titanium. For optimum wetting action, topside preheat temperature of 210 – 240°F (100 – 115°C) is desired. The flux activity may be monitored by periodic measurement of the acid number. DI water is used to restore to the specified value.

PHYSICAL & CHEMICAL CHARACTERISTICS

Color and Appearance	Clear Liquid
Solids Content, % (By Wt.)	15 - 20
Specific Gravity	1.05 +/- 0.010
Flash Point	None
pH (as is)	1.8 – 2.4
Acid No.	58.0 – 62.0
Flux Classification per J-STD-004	ORH1
% Halides	3.0 +/- 0.3
Shelf life (un-opened)	2 years

RESIDUE REMOVAL

As with all water-soluble fluxes, post cleaning is required. Residues can be easily removed with both hot and cold water, thus; no neutralizer is needed. De-ionized water should be used in the final rinse for cleanliness results beyond MIL-28809A.

PACKAGING & STORAGE

735VF/VFF flux is 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