



VOC-FREE, NO-CLEAN, SPRAYABLE FLUX TYPE PACIFIC 2009MLF-E



Description:

PacIFic 2009MLF-E is an optimised version of the PacIFic 2009MLF. The flux will leave less residues after soldering but maintains its property to reduce micro solder balling. Conventional VOC -free fluxes can give more solder balling than alcohol based fluxes on some micro-ball sensitive solder masks. PacIFic 2009MLF-E minimises solder balling on these solder masks.

PacIFic 2009MLF-E is absolutely halogen free. The flux allows a change over from alcohol based fluxes to water based fluxes with absolutely no disadvantages.

PacIFic 2009MLF-E is perfectly suitable for lead-free soldering and can be used in spray applications.

Why VOC-free?

No more risk of fire caused by flux inflammation;

No more Volatile Organic Compounds emission caused by flux evaporation;

No more irritating alcohol smell in your production caused by flux evaporation;

No more use of flux thinner;

No checking of flux quality needed;

Improvement in solderability and cleanliness;

Lower flux transport, storage and insurance costs;

A reduction of circa 30% in flux consumption.

Physical and chemical properties:

Density at 20°C	:	1.00 g/ml +/-0.01
Colour	:	clear
Odour	:	Sweet smell
Solid content	:	3.6% +/-0.2
Halide content	:	none
Flash point (T.O.C.)	:	n.a
Total Acid Number	:	25 mg KOH/g +/- 2
IPC/EN	:	OR/L0

Spray fluxing

More flux will give less solder balls.

More flux gives also more residues, so an optimal spray volume has to be determined. Because the main cause of solder balling is the solder mask, this optimal spray volume can vary a bit from solder mask to solder mask.

Check the spray pattern by passing a card board through the machine. The card board must equally be wetted by the flux. If not, adapt your lateral spray speed, spray pitch or spray volume until you get an even wetting of the flux.

To check good top side wetting of the flux, apply some flux to the through hole components on top of the board with a spray bottle or brush and compare the through hole wetting results with your original results. If there is a difference, your spray fluxer settings will have to be



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adapted. You can either bring the fluxer closer to the board, give more flux, spray slower, or give more air pressure. If none of the above works, contact Interflux[®] Electronics.

Preheating

All water should be evaporated before hitting the wave.

The recommended preheat temperature measured on the topside of the board is 85°C-160°C.

Avoid hot air preheating settings above 150°C

Packaging:

10 litres polyethylene drums.

25 litres polyethylene drums

200 litres polyethylene drums.

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26/06/2006

PAGE 2 OF 2

PACIFIC 2009MLF-E

V.O.C. FREE – NO-CLEAN SOLDERING FLUX

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PRODUCT RANGE: Soldering Desoldering for SMD/PTH, Solder POT, Electric Screw Drivers, Pneumatic Screw Driver, Torque Meter, Screw Torque deciders, Screw Feeders, Balancer, Torque Arm, Air Dispenser, Air Free Dispenser, Syringes and Barrel for dispenser, Flux, Spray Fluxer, Desolder Wick, Static Charge Meter, Ionizers, Ion Gun, Illuminated Magnifiers, Hand tools (Cutter, strippers, Pliers, crimper, Cable cutters etc.. ESD Products, Peelable Mask, Solder Bath Treatment, Rework Pens (Conductive pen, flux pen, green over coat pen, conformal coating remover pen), Imported