

LIQUID FLUX L3

No-clean flux

DESCRIPTION

The L3 is used as an alcohol-based halogen-free rosin flux with excellent results for soldering PCBA. The flux contains a small amount of natural rosin. The residues are not corrosive and fulfil all requirements of the test specification according to DIN EN 29454-1. In particular, the L3 is very well suited for the future requirements of highly integrated printed circuits due to higher surface isolation resistance values in various environments.

CHARACTERISTICS

- good wetting
- halogen free
- No-Clean
- suitable for In- Circuit- Test
- good filling of through holes
- for spraying

In accordance with: DIN EN 29454-1: 1.1.3.A
ANSI J-STD-004: RO L0

APPLICATION

The L3 is suitable for the manufacturing of high quality electronics. Excellent soldering results are achieved when used in most available applications. The L3 leaves very dry and low amount of flux residues after soldering.

PROCESSING PROPERTIES

The L3 is suitable for soldering machines with spray-fluxer.

PROCESSING PARAMETER - RECOMMENDATION

Preheating:	100 – 110 °C surface temperature
Amount of flux:	25 – 30 ml / min
Speed of Transport:	0,8 – 1,2 m / min
Temperature of solder: containing lead	245 – 255 °C
Temperature of solder: lead free	260 – 265 °C

CLEANING

Due to the low and dry residues of the L3, cleaning after soldering is normally not necessary. If cleaning is nevertheless necessary due to special requirements, the residues can be removed using suitable cleaning agents using brush or ultrasonic cleaning equipment.

PHYSICAL PROPERTIES

Specific Density 20°C	0,803 g/cm ³
Solid Content	3,3 %
Acid Value	22,5 mg KOH /g
Color	yellow

DELIVERY FORMS

- 2,5 L - 10 L - 25 L cans
- Other sizes by request

NOTICE

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.