

# LIQUID FLUX C200.3

Halogen and rosin free flux

## PRODUCT DESCRIPTION

C200.3 is a halogen free flux to be used in the assembly of electronic compounds. This flux will provide excellent results. C200.3 is based on a newly formulated carrier system, which does not leave corrosive or conductive residues on the surface after soldering. Based on the proprietary chemistry extreme good results are obtained in regard to surface insulation resistivity. For high integration of electronic compounds, C200.3 will provide all the characteristics, which are described in the test procedure of the DIN EN 29454-1. In addition, much higher surface resistivity is achieved when tested at high humidity, what allows using this flux for the most sophisticated electronic applications.

## PRODUCT PROPERTIES

- rosin free
- halogen free
- No-Clean
- highly activated
- for spraying

In accordance with:      DIN EN 29454-1: 2.2.3.A  
    ANSI J-STD-004: OR L0

## APPLICATION

C200.3 is suitable for the assembly of electronic device for OEM, communication, military, air- and space Electronics. It can be used also for consumer electronics. The exceptional properties can be used to optimize SMD assembly.

## PROCESSING PROPERTIES

C200.3 can be used in soldering machines with spray-fluxer. The application of flux to the printed circuit boards is made with spaying equipment.

## PROCESSING PARAMETERS - RECOMMENDATION

<b>Preheating:</b>	ca. 80 - 110 °C PCB top side
<b>Amount of flux:</b>	ca. 25 - 30 ml / min
<b>Transportation speed:</b>	ca. 0,8 - 1,2 m / min
<b>Solder bath temperature:</b>	ca. 260 - 265 °C

## CLEANING

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Because the PCB surfaces are generally residue-free after soldering when using the C200.3 flux cleaning is not required after soldering. There are some specifications calling for cleaning. In such cases, the use of a cleaner is recommended. The cleaner removes all residues and provides a clean surface. In addition, a high SIR-value will be the result of the cleaning process.

## PHYSICAL PROPERTIES

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<b>Specific Density 20°C</b>	0,801 g/cm <sup>3</sup>
<b>Solid Content</b>	3,5 %
<b>Acid Value</b>	30,5 mg KOH /g
<b>Color</b>	clear

## DELIVERY FORMS

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

## HINT

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