

# LIQUID FLUX C281.3

## PRODUCT DESCRIPTION

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Flux C281.3 is an alcohol based and halogen free resin-flux. The flux has an excellent solderability and offers best results when employed in the soldering of printed circuit board fitted with components. A synthetic resin serves as a carrier system. Flux C281.3 is non-corrosive and meets all the requirements specified by DIN EN 29454-1. A special feature of Flux C281.3 is its high degree of surface isolation resistance to climatic conditions. The product is well suited in the field of integrated printed circuit boards.

## CHARECTERISTICS

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- suitable for leaded soldering and lead free soldering
- halogen free
- spraying
- no clean
- suitable for In-Circuit-Test
- good wetting

## AREA OF USE

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Flux C281.3 is suitable for the manufacturing of the most sophisticated commercial electronics, OEM, measuring instruments, telecom, military, aero-and space electronics. But it also excels in solderability when it comes to radio or television technology, household appliances and car electronics. Soldering of SMD-components with Flux C281.3 will fetch higher returns. Other very special features of Flux C281.3 are its dry nature and its extremely low residue count.

## PROCESSING PROPERTIES

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Flux C281.3 can be used in soldering machines with spray-fluxer. The application of flux to the printed circuit boards is made with spaying equipment.

## PYSICAL PROPERTIES AND DATA

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General Properties	Flux C281.3
Acid value	28,5 ± 3 mg KOH / g
Density	0,825 ± 0,002 g / ml
Water	3,99 ± 0,5 %

## **TECHNICAL PROPERTIES**

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In accordance with:

DIN EN 29454-1: 1.2.3.A

ANSI J-STD-004/ -005: RELO

## **STANDARD PACKAGING**

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Different sizes in plastic jars (typically 2,5 – 10 – 25 l)

## **SHELF LIFE**

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24 months (provided proper storage, 10-20°C, in originally sealed container).

## **CLEANING**

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Since the PCB surfaces are generally residue-free after soldering when using the Flux C281.3 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.

## **SAFETY RULES**

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Please refer to our corresponding safety data sheet

## **NOTE**

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Our recommendations for the technical handling by word, writing and by tests ensues our best knowledge yet is nothing but an unobliging instruction, also in respect on possible protective rights against third parties and does not free from own tests of the delivered products regarding the suitability for your intended procedures and purposes. Usage, procedure and application happens outside of our possibilities of control and this lie outside our responsibility. Should nevertheless arise a liability it shall be limited to the value of the delivered and used product of our manufacture. We guarantee of course the faultless quality of our products in accordance with the general conditions of sale and delivery.