

FLUX P 981

Halogen free resin flux

PRODUCT DESCRIPTION

P 981 is an alcohol based resin-foam-flux free of halogen. The flux is of 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. P 981 is non-corrosive and meets all the requirements specified by DIN EN 29454-1. A special feature of P 981 is its high degree of surface isolation resistance to climatic conditions. The product is well suited in the field of integrated printed circuit boards.

PRODUCT PROPERTIES

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| <ul style="list-style-type: none"> • resin • halogen free | <ul style="list-style-type: none"> • No-Clean • highly activated | <ul style="list-style-type: none"> • Spraying and foaming • good wetting |
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In accordance with: DIN EN 29454-1: 2.2.3.A
 ANSI J-STD-004: RE L0

APPLICATION

P 981 is particularly suitable for the manufacturing of the most sophisticated commercial electronics, OEM, measuring instruments, telecom, military, aero-and space electronics. But is also excels in solderability when it comes to radio or television technology, household appliances and car electronics. Soldering of SMD-components with P 981 will fetch higher returns other very special features of P 981 are: its dry nature and its extremely low residue count. The problem of sicking test tips, whenever In-Circuit-Testing, is done away with.

P 981 can be processed by any common type of soldering machine. The application of flux to the printed circuit boards is made by foaming or spraying.

PROCESSING PARAMETERS - RECOMMENDATION

Preheating:	ca. 80 - 140 °C top side
Amount of flux:	ca. 25 - 30 ml / min
Transportation speed:	ca. 0,8 - 1,2 m / min
Solder bath temperature:	ca. 260 - 265 °C

CLEANING

Since the PCB surfaces are generally residue-free after soldering with P 981, cleaning is not required after soldering. There are some specifications calling for cleaning. In such cases the use of our Cleaner 100 B is recommended. This conditioner removes all residues and provides high resistivity.

CONTROL OF DENSITY

The control of the required specific density can be achieved by using our special thinner 109.

PHYSICAL PROPERTIES

Specific Density 20°C	0,822 g/cm ³
Solid Content	2,7 %
Acid Value	21,8 mg KOH /g
Color	clear

DELIVERY FORMS

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

HINT

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.