



## SOLDERING FLUX PRO SELECTIVE

Type ISO 9454 / 1-1.2.3 A RE L0

### GENERAL DATA

\*PRO Selective\* is an flux for electronics for the special requests of modern machine soldering of electronic components with standard assembling, SMT-application and for selective soldering.

\*PRO Selective\* contains an alcohol-solvent basis with especially matched activators, which provide the flux with excellent soldering properties. PRO Selective shoes good activating properties on the wetting areas of the soldering partner. Soldering of standard assembly, SMT-application and the selective soldering is realised with a very wide processing window. Especially if indifferently wettable soldering contacts should be soldered.

\*PRO Selective\* is a chloridfree, halogenfree flux according to international standards ISO 9454/1 – 1.2.3 A and JPC J - STD – 004. The boards have the typical appearance forms after the soldering procedure.

\*PRO Selective\* offers the users an economic advantage through its great efficence. The very low put in amounts achieve a big economy on excellently soldered components.

\*PRO Selective\* is suitable for all automatic soldering procedures in the production of electronics. The application of the flux on the PCB is possible with all known flux procedures. PRO Selective is designed for soldering in single wave, double wave and especially for selective soldering. The flux is thermically stable during the whole soldering process.

### PHYSICAL DATA

Colour	: amber
Flaming poin	: <21°C
Density at 20°C	: 0,838 g/cm <sup>3</sup>
Solid content	: ca. 7,5 %
Halogenic content	: none
Flux type	: ISO 9454/1-1.2.3.A/ IPC-J-STD-004
Thinner	: PRO SOLVENT I

**Preheating:**

The typical preheating temperature measured on the component side of the PCB should be about 90°C to 120°C.

**Soldering speed:**

A speed of 1.0 to 2.0 m/min over the soldering wave is recommended.

**Soldering bath temperature:**

The soldering bath temperature should not rise above 260°C.

**Delivery form:**

The flux is delivered in 5, 10 Litre and 25 Litre plastic containers.

**Special advices**

The flux PRO Selective was tested on its digestibility towards the commonly used materials in the production of electronics. A test of digestibility towards the used synthetic materials, colours and inscriptions through the user is always recommended.

The digestibility of the flux left-overs relating to the function security of the components under conditions of use should be checked by the user. Especially at conditions with high temperature and humidity demands (e.g. >90% relative humidity)

If dewing of a component, even shortly, can occur during the application, relevant humidity safety measures have to be applied.

Concerning the conditions of storing and transport corresponding safety measures have to be taken.

**Important clues in handling chemicals:**

The legal restrictions (chemical law), especially the regulation for dangerous goods, in each valuable version. The packaging and labelling of our products always comply to the regulations of these prescriptions and the transportation rules. For disposal please see the belonging to it safety data sheet.

**Safety prescriptions:**

Please see the belonging to it safety data sheet.

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