



## LIQUID FLUX 500-17

Halide-free activated foam flux

### DESCRIPTION

Halide-free activated foam flux conforming to DIN EN 29454-1 1.1.3 [DIN 8511 F-SW 32] with non-corrosive residues as per DIN 8527 F-SW32.

Stannol KOLO 500-17 is a ready to use foam flux for wave soldering machines and has been specially formulated for applications in the electronic industry for soldering of printed circuits.

Stannol KOLO 500-17 can also be applied by spraying, dipping, brushing etc.

The residues on printed circuit boards are dry and fast to handle immediately after the soldering process. During circuit testing test needles do not get clogged, so that cleaning of the boards is not required.

### APPLICATION

During the soldering process most of the flux is rinsed off the PCBs. Should cleaning be desired, the remaining flux residues can be easily removed using an alkaline cleaner. All known cleaning processes, such as by brushing, ultrasonic, steam etc. are appropriate.

Evaporation of solvent can change the composition. Evaporation causes an increase of solid content and therefore density increases. This can be checked with the Stannol Mini-Titration-Kit and corrected by thinning with Stannol VD-500

### PHYSICAL PROPERTIES AND DATA

| GENERAL PROPERTIES       | LIQUID FLUX 500-17         |
|--------------------------|----------------------------|
| Colour:                  | amber liquid               |
| Density at 20°C (68°F):  | 0.832 g/cm <sup>3</sup>    |
| Flash point (closed up): | 13°C                       |
| Ignition point:          | 425°C                      |
| Solid content:           | 15%                        |
| Acid rating:             | 54 mg KOH/g                |
| Halide content:          | none                       |
| Corrosion:               | none DIN 8527 Type F-SW 32 |
| Thinner:                 | Stannol VD-500             |

### SHELF LIFE

2 years after date of delivery (provided proper storage in originally sealed container).

## **HEALTH AND SAFETY**

---

Before using please read the material safety data sheet carefully and observe the safety precautions described.

## **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.