



## LIQUID FLUX 300-25

Non-activated liquid flux

### DESCRIPTION

Non-activated liquid flux according to DIN EN 29454-1 type 1.1.1 and EN 61190-1-1 type ROL0. Non-corrosive flux residues. Stannol 300-25 also meets requirements for test-flux (DIN) IEC 68 -2 - 20 6.6.1.

Stannol 300-25 is a ready for use no clean flux for wave and drag soldering. It was developed for use in electric and electronic soldering of PCBs and other purposes.

It does not contain any activators or other additives which can cause ionic contamination. This flux is used where highest requirements exist on corrosion resistance and security. Because of the high activity level of the flux, bridge and icicle formation is reduced to a minimum.

Stannol 300-25 has good wetting properties on clean and good solderable surfaces. Post soldering residues are solid, dry, transparent and safe.

### APPLICATION

Stannol 300-25 is suitable for all methods of application like brushing, dipping, spray and foam. Most of the flux solids were purged during the process, but remaining residues may remain on the PCB. If cleaning is required it can be done either with organic solvents like alcohols and glycol ethers or saponifying agents.

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

### PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	LIQUID FLUX 300-25
Colour:	amber liquid
Density at 20°C (68°F):	0.846 g/cm <sup>3</sup>
Flash point (closed up):	13°C
Ignition point:	425°C
Solid content:	25.0%
Acid rating:	43 mg KOH/g
Copper mirror test:	passed
Silver chromate paper test:	passed
Halide content:	none
Thinner:	Stannol VD-500

## **SHELF LIFE**

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

## **HEALTH AND SAFETY**

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

## **NOTICE**

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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.