



## LIQUID FLUX EF270

No-clean flux

### DESCRIPTION

No-clean flux classified as type 2.2.3.A according to DIN-EN 29454-1, type ORL0 according to EN 61190-1-1 and type ORL0 according to J-STD-004.

Stannol EasyFlux 270 was developed as a complement of the Stannol EasyFlux series for the wave soldering of electronic devices. The reduced solid content in combination with especially aligned halide free activators affords an excellent wetting of the different surfaces (such as OSP, Ni/Au, HAL) also with lead-free alloys. Best results were achieved when using Stannol Ecoloy and Flowtin TSC (Tin/Silver/Copper), TS (Tin/Silver) and TC (Tin/Copper) alloys. This flux is also applicable for other soldering processes like selective-soldering and dip-soldering.

### CHARACTERISTICS

Stannol EasyFlux EF270 offers the following advantages:

- No-clean application, electrically safe
- Low residues
- Resin-free
- Optimised solid content – fast wetting
- Perfect results with lead-free alloys

### APPLICATION

The Stannol EasyFlux 270 has been developed for application with spray fluxers. The applicability for foam fluxers is limited. The preheat temperature should be at least 90°C measured on the surface of the circuit board when entering the solder wave. This temperature ensures the evaporation of the solvent and a sufficient activation of the flux.

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 EF270
Colour:	colourless
Density at (20°C):	0,807 g/cm <sup>3</sup>
Flash point (closed crucible):	12°C
Ignition temperature:	425°C
Solid content:	2,7%
Acid rating:	24,0 mg KOH/g
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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