



LIQUID FLUX EF270F

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 270F 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 in the standard version EF270.

CHARACTERISTICS

Stannol EasyFlux EF270F offers the following advantages:

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

APPLICATION

The Stannol EasyFlux 270 has been developed for application with foam fluxers. It can also be used with spray fluxing equipment. 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. For a proper process control we recommend to check the consistency of the flux on a regular base with the Stannol Mini-Titration-Kit.

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	LIQUID FLUX EF270F
Colour:	colourless
Density at (20°C):	0.811 g/cm ³
Flash point (closed crucible):	12°C
Ignition temperature:	425°C
Solid content:	2.7%
Acid rating:	25.0 mg KOH/g
Halide content:	none
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.