

LIQUID FLUX 500-3445

Low solid no-clean flux

DESCRIPTION

Low solid no-clean flux classified as 2.2.3.A according to EN 29454-1 (DIN 8511, F-SW34) for soldering electric and electronic equipment.

Halogen-free activated Stannol 500-3445 guarantees excellent wetting of different metallic finishes on PCBs (e.g. OSP, Ni/Au, i.Tin, HAL). This makes it easy to introduce to new pcb types with an alternative surface finish. Wetting problems will not occur. In order to meet all requirements for electrical safety and corrosion resistance on No-Clean soldered boards, a very low resin content (<0,2%) is included in the formulation.

CHARACTERISTICS

Liquid flux 500-3445 offers the following advantages:

- **Universal use, low solid**
- **Excellent foaming**
- **Fast wetting**
- **No-clean, electrically safe**

APPLICATION

With respect to the flux application Stannol 500-3445 has optimum properties that make it usable in foam as well as in spray fluxer. Preheat setting should be adjusted to such level that the topside temperature reaches 110°C before entering the wave. This ensures that solvent is evaporated completely and the flux will be sufficiently activated and ready for soldering.

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 500-3445
Colour:	bright yellow
Density (20°C):	0.811 g/cm ³
Flash Point (closed up):	12°C
Ignition Temperature:	425°C
Solid Content:	2.1%
Acid Value:	22 mg KOH/g
Halogen Content:	none
Thinner:	Stannol VD-E 3370

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.