



LIQUID FLUX 500-14

Halide-free activated foam flux

DESCRIPTION

Halide-free activated foam flux conforming to DIN EN 29454-1 1.1.3 (former DIN 8511 F-SW32) with non-corrosive residues as per DIN 8527 F-SW32. Stannol 500-14 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. 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 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 500-14	
Colour:	amber liquid	
Density (at 20°C):	0.828 g/cm ³	
Flash point (closed crucible):	13°C	
Ignition temperature:	425°C	
Solid content:	15.5%	
Acid rating:	52 mg KOH/g	
Copper mirror test:	passed	
Chromate paper:	passed	
Halide content:	none	
Surface resistance:	6.7*10 ¹¹ Ω uncleaned, soldered	2.2*10 ¹² Ω fluxed
E-corrosion:	none	none
Requirements:	Bellcore TR-NWT 000078	
Thinner:	Stannol VD-500	

SHELF LIFE

2 years after date of production (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.

DISCLAIMER

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.