

LIQUID FLUX 900-7/1H

Activated flux

DESCRIPTION

Activated flux on the basis of organic activators in an alcoholic solution and conforming to DIN EN 29454-1, type 2.1.2 (formerly DIN 8511 F-SW25).

Stannol 900-7/1H is a flux ready for use in wave-soldering machines and was especially formulated for soldering of printed circuits for applications in the electronic industry. The activators added to Stannol 900-7/1H reduce the surface tension considerably and thus prevent bridge and stud formation. Stannol 900-7/1H has very good wetting properties and guarantees a better filling capability of through plated holes. The additional halide activation leads to excellent soldering results on printed circuit boards with reduced solderability.

APPLICATION

Stannol 900-7/1H can be applied with foam fluxers, but also by spraying, dipping, brushing etc. The flux residues after soldering are liquid, non-adhesive and must be removed with water or other cleaners (alcohols, water-miscible cleaning agents, aqueous alkaline cleaners etc.).

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 900-7/1H
Colour:	colourless liquid
Density (20°C):	0.806 g/cm ³
Flash Point (closed crucible):	13°C
Ignition Temperature:	425°C
Water Content:	<0.3%
Solid Content:	1.7%
Acid Rating:	10 mg KOH/g
Halide Content:	0.23%
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.