Flux-Ex Pre

Aqueous, pH-neutral cleaner

PRODUCT DESCRIPTION

Stannol cleaner Flux-Ex Pre is an aqueous cleaning detergent for the effective removal of fluxes before soldering, SMD solder pastes on stencils, unpopulated misprints and flipsides in screen printers as well as dust, grease and oils.

The cleaner is pH-neutral and quick-drying, which makes it ideal for rinsing processes.

Flux-Ex Pre is a ready-mix for direct use in a cleaning process.

PRODUCT PROPERTIES

The product offers the following advantages:
- **suitable for use at low temperatures**
- **low conductivity**
- **regenerable**
- **single-phase**
- **pH-neutral**
- **suitable for use in PV module production**

APPLICATION AREAS

TECHNICAL DATA	
pH-value [20 °C]	6,7
conductance [20 °C]	< 50 µS/cm
flash-point	> 100 °C
VOC content	< 20 %
application	undiluted
water solubility	easily soluble
application temperature	20 - 45 °C

CONTAMINATIONS	
solder paste	++
flux	+
adhesive/glue	+
grease/oil	+
thermal compounds	-
coating/varnishing	-

SUBSTRATES	
stencils, screens, misprints (bare boards)	++
PCBAs, hybrids, power electronics, misprints (mounted)	o
solder frames, carriers, solder masks	o
ESD boxes, containers, magazines	o
condensation traps, filters, steel sheets	-

APPLICATIONS	
spray systems	++
stencil underside cleaning	++
dipping	+
ultrasonic systems	+

++ = ideal for use, + = recommended, o = optional use, - = not recommended

Please note: These tables only provide a general overview of the cleaner's specifications. To determine the ideal setting of the cleaner, cleaning tests are useful and necessary.

STORAGE AND SHELF-LIFE

The shelf life is unlimited if stored and transported appropriately (protected from UV light, in the unopened original container, between 10 °C and 30 °C). After opening, the shelf life is at least two years if stored and transported correctly. It is recommended to use the cleaning detergent within five years of delivery.

HEALTH AND SAFETY

Read the safety data sheet before first use and follow the safety precautions.

DELIVERY FORMS

- 10 l canister
- 25 l canister

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.