



**Electronic fluxes ISO-Flux®**

Fluxes for the mechanical soldering of printed circuit boards

1 l	bottle
5 l	canister
25 l	canister
Other packages deliverable on request	



Product	DIN EN 29454	DIN EN 61190	Solid content	Field of application
<b>ELR 3410</b>	2.2.3.A	ORL0	3,5 %	wave soldering, halide free, no-clean, also lead free
<b>ELR 3420</b>	2.2.3.A	ORL0	3,5 %	wave soldering, halide free, no-clean, also lead free
<b>ELR 3413</b>	2.2.3.A	ORL0	2,1 %	wave soldering, halide free, no-clean
<b>ELI 3320</b>	2.2.3.A	ORL0	2,7 %	wave soldering, halide free, resin free, no-clean, also lead free
<b>ELI 0099</b>	2.1.3.A	ORL0	< 1 %	wave soldering, no-clean, in inert gas systems, also lead free
<b>EWL 2510</b>	2.1.2.A	ORM1	7,0 %	wave soldering, halide containing, water washable, also lead free
<b>EVF 2310</b>	2.1.3.A	ORL0	3,8 %	wave soldering, halide free, lead free, no-clean, VOC-free
<b>Palux 30H</b>				HASL-tinning

**For soldering of electronic components with THD and SMD by machine.**

FELDER ISO-Flux® electronic fluxes are particularly suitable for high-grade manufacturing of commercial electronic. You achieve best soldering results even in case of circuits with mixed component parts.

„ELR“ low-residue no-clean electronic flux based on organic activators and natural or modified natural resins. The flux residues have a very high surface resistance and are not corrosive.

„ELI“ resin-free no-clean electronic flux on basis of organic activators. Our „ELI 0099“ has been specifically designed for soldering in inert gas systems and leaves a very low amount of flux residues due to its low amount of solids.

„EWL“ highly effective, water-soluble electronic flux, contains and activated by halide, so that it can be applied wherever components have to be washed after the soldering process.

**Flux thinner**

Thinner on alcohol basis with foam stabilizing additives

1 l	bottle
5 l	canister
25 l	canister
Other packages deliverable on request	



Product	Usable for the following FELDER fluxes
<b>Thinner “VF-1“</b>	all ISO-Flux® “ELR“ and “ELI“
<b>Thinner “VF-2“</b>	ISO-Flux® EWL, the solder oils “E“, “EL“ and “Kolo“ as well as all cable fluxes

**For setting of the optimum concentration of ISO-Flux® fluxes.**

The FELDER flux-thinners serve to set the optimum concentration of FELDER ISO-Flux®- fluxes in soldering systems. During application in foaming or spraying devices there is a gradual increase in concentration which worsens the soldering result. Even in case of dip flux stations due to the large surface the solvent will be used up.

As fluxes with a low content of solids have a small difference of density we recommend that the thinning-ratio should be determined via titration of the acid value (see FELDER titration set).