

Technical Product Information

ELSOLD Rework Fluxes 200R and 400R

General Description

ELSOLD Rework Elektronik Fluxes 200R and 400R are homogenous solutions of modified rosin and halide-free activators in alcohol. ELSLOD Electronic Flux 200R is a no clean, low residue flux whereas 400R is of medium solids content. Both fluxes deliver excellent results. Flux residues are not hygroscopic and non-conductive.

Areas of Use

ELSLOD Electronic Fluxes 200R and 400R are especially suitable for rework and repair of printed circuit boards with high requirements on product reliability. Certainly, the fluxes are suited very well for any other soldering operations.

Classification

ELSOLD 200R is type 2231 according to DIN EN ISO 9454-1 and ORLO according to DIN EN 61190-1-1 and J-STD-004, 400R is classified 1231 and RELO resp.

Technical Specification

	200R	400R
Appearance	Clear, nearly colourless liquid	Clear, light amber liquid
Smell	Mild alcoholic	Mild alcoholic
Density [g/cm ³] (20 °C)	0.799 ± 0.005	0.833 ± 0.005
Acid number [mg KOH/gFlux]	24 ± 2	70 ± 5
Solids content [%] (per IPC-TM-650 2.3.34)	3.4	18.6
Halides [%]	None	None
Flash point [°C]	12	12
Ignition temperature [°C]	399	399

If thinning is required ELSOLD Thinner 200 (or Propan-2-ol, 99 % min) is recommended to preserve characteristics and performance of the fluxes.

Cleaning

200R and 400R are no clean fluxes, cleaning is in general not required. Should cleaning be desired/specified any commercially available cleaning agent for the removal of flux residues and or alcohol, 2-Propanol, can be used.

General Safety Precautions

ELSOLD Rework Fluxes 200R and 400R should be used according to industrial standards of practice. For safety advice please refer to the material safety data sheet.

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Packing Sizes

Products are supplied in flux pen, bottles for refill (30 mL) and bottles with brush (50 mL).

Storage

ELFLUX 200R and 400R are flammable. Store away from sources of ignition.

Storage temperature: 5 – 20 °C.

Shelf Life

Under adequate conditions fluxes 200R and 400R can be stored in original unopened bottles for a minimum of 12 months.



The information contained herein is based on technical data that we believe to be reliable and is intended for use by persons having technical skill, at their own risk. Users of our products should make their own tests to determine the suitability of each product for their particular process. TAMURA ELSOLD will assume no liability for results obtained or damages incurred through the application of the data presented.