KOKI
CHALLENGING NEW TECHNOLOGIES

Halogen free wave soldering flux

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Lead Free SOLUTIONS you can TRUST

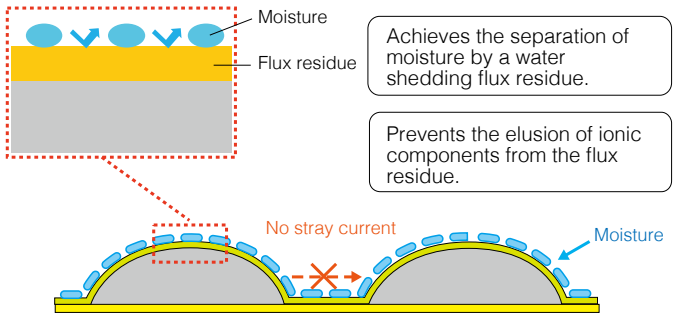
JS-EU-31

High humidity resistance, excellent residue dryness & high electrical reliability, despite being an organic acid based wave soldering flux

Humidity resistant flux residue

JS-EU-31 has unique water shedding properties to its flux residue with a minimal amount of resin added. This prevents any stray current on the surface of the flux residue, even when exposed to drastic temperature changes and highly humid conditions.

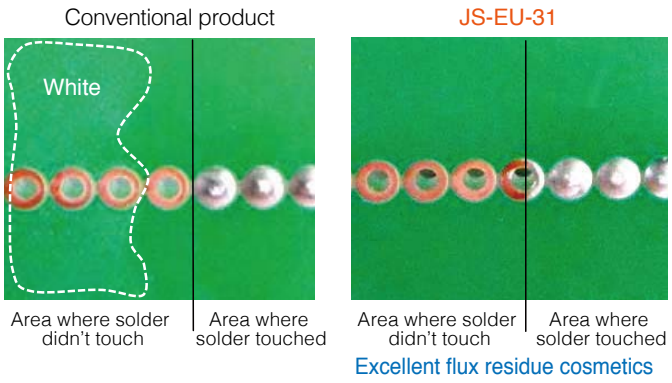
■ Figure 1. Water shedding effect of JS-EU-31 flux residue



Excellent flux residue cosmetics

Generally, organic acid based flux residue turns rough and white due to the crystallization. However, JS-EU-31 achieves excellent flux residue appearance even in selective soldering or repairing, due to the compatibility of the organic acids at room temperature with the minimal resin additive.

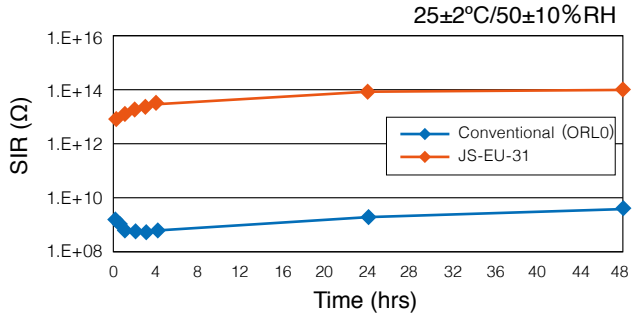
■ Figure 2. PCBs after selective soldering



Excellent dryness at room temperature

JS-EU-31 secures excellent dryness of the residue enabling quick SIR recovery of its flux residue at room temperature. This maintains exceptionally high electrical reliability at all times.

■ Figure 3. SIR recovery at room temperature



Product specifications

Product name	JS-EU-31
Solid content (%)	2.7
Specific gravity (at 20°C)	0.795
Halide content (%)	0
Acid value (KOH.mg/g)	19.6
Flux type	ORL0
Application	Spray
	Wave soldering

Halogen free (HF) | Good flux residue cosmetics | Applicable solder alloy: Sn/Ag/Cu type, Sn/Cu type | No clean type: No-clean

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