

Kester® SELECT-10™

High Reliability, Zero-Halogen, No-Clean Selective Soldering Flux

Designed specifically for the needs of the selective soldering process

Kester SELECT-10 is a zero-halogen, no-clean, liquid flux designed specifically for the needs of the selective soldering process. Sustained activity within the flux allows for good barrel fill in challenging applications, such as reflowed copper OSP boards or with difficult to solder components. Specific to selective soldering, SELECT-10 does not spread beyond the spray pattern and will not clog the fluxer head. SELECT-10 residues are non-tacky for improved cosmetics.



Key Features

- Designed for selective soldering
- Zero-halogen*
- Controlled flux spread within localized flux spray pattern
- Non-corrosive, non-conductive and non-tacky residues
- Offers good hole-fill with preheat temperatures >135 °C
- High reliability meeting the toughest ECM/SIR IPC J-STD-004B requirements
- ROL0 per IPC J-STD-004B
- Also available as a flux-pen

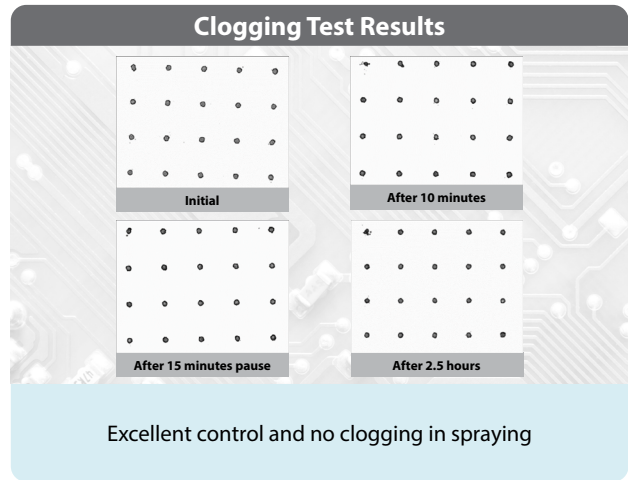
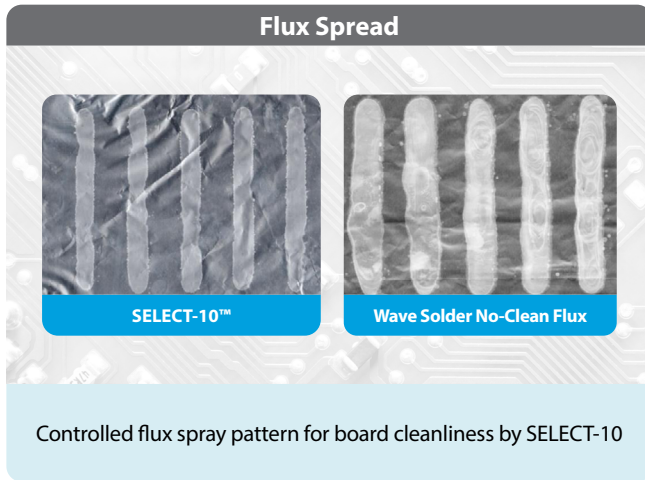


*Zero-halogen is defined as no halogen intentionally added to the formulation.



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TECHNICAL DATA	KESTER SELECT-10™	PROCESS CONTROL	KESTER SELECT-10™
Solids Content, wt/wt	10%	Flux Application	Spray
Acid Number (mg KOH/gm)	40	Amount of Flux Applied	186-465 µg/cm ² of solids
Specific Gravity @ 25 °C	0.835	Top-Side Preheat Temperature	90-140 °C
IPC J-STD-004(B) Designation	ROL0	Bottom-Side Preheat Temperature	0 to +32 °C vs. Topside
Zero-Halogen	Yes	Solder Pot	280-320 °C for SnCu or SAC alloy 260-300°C for Sn63Pb37 alloy
SIR, IPC J-STD-004(B)	Passed	Contact Time	2.5-6 s



macdermidalpha.com
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Kester is a product brand of MacDermid Alpha Electronics Solutions.

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