836 Pen

No-Clean, Lead-Free Flux

836-P is a solder flux pen containing a halogenfree organic flux with low activity. The flux has a low solids content and leaves virtually no residue. Solder joints appear shiny after soldering, even without cleaning.

This no-clean flux pen is designed for the prototyping, rework and repair of conventional and surface mount circuit boards



Features & Benefits

Meets IPC J-STD-004B and type ORL0
For both leaded and lead-free solders
Chiseled tip allows precise application
Residues do not require cleaning
Halogen-free
RoHS compliant
Easy application
Non-corrosive and non-conductive residue

Storage and Handling

Store between 18 and 27 ˚C in a dry area, away from sunlight (see SDS).

Available Packaging

Part #	Packaging	Net Vol.	Net Wt.
836-P	Pen	10 mL	8.10 g
836-PCA	Pen	10 mL	8.10 g

Application Instructions

Read the product SDS for more detailed instructions before using this product.

1. Depress the tip against a hard surface until the felt tip gets wet, but not flooding.
2. Gently brush the wet tip onto the soldering area to apply. To keep the tip saturated and control the flow, only press in the tip as needed.
3. Clean residue with MG #4140 or #413B flux removers.

Properties

Color	Colorless	Visual
Solids %	1.9–2.5%	—
Density	0.8 g/mL	—
Flux Classification	ORL0	J-STD-004B, MIL-F-14256F
Flux Type	Organic	J-STD-004B
Flux Activity	Low	J-STD-004B
Copper Mirror	Pass	IPC-TM-650 2.3.32
Cleaning Requirements	Recommended	—
Halides (by weight)	<0.5%	J-STD-004B
Surface Insulation Resistance (SIR)	2.1 x 10^9 Ω	IPC-TM-650 2.6.3.3
Acid Number (mg KOH/g)	14–16	Titration
Shelf Life	5 y	—

Disclaimer: This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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