

Rosin Flux

Description

835-P is a flux pen containing a rosin-based liquid flux with moderate activity. The flux is composed of pure Water White (WW) grade gum rosin in a unique solvent system with highly effective activators. Post soldering residues are non-conductive, non-corrosive, hygroscopic, and fungus resistant.

835-P is designed for the prototyping, rework, and repair of conventional and surface mount circuit boards.

Features and Benefits

- Flux meets IPC J-STD-004B and type ROM1
- For both leaded and lead-free solders
- Chiseled tip allows precise application
- Fast wetting
- RoHS compliant

Usage Parameters

Properties	Value
Shelf life	3 y
Storage temperature limits	18–27 °C [65–80 °F]

a) Store in a dry area, away from sunlight.

Properties

Flux Properties	Method	Value
Flux classification	J-STD-004B MIL-F-14256F	ROM1 RA
Flux type	J-STD-004B	Rosin
Flux activity	J-STD-004B	Moderate
Halides by weight	J-STD-004B	0.44%
Copper mirror	IPC-TM-650 2.3.32	Partial removal
Corrosion	IPC-TM-650 2.6.15	Pass
Cleaning requirements	—	Recommended
Physical Properties	Method	Value
Color		Light amber
Solids %	IPC-TM-650 2.3.34	50%
Density	—	0.93 g/mL
Flash point	Closed cup	12 °C [53 °F]

Health and Safety

Please see the 835-P Safety Data Sheet (SDS) for further details on transportation, storage, handling, safety guidelines, and regulatory compliance.

Application Instructions

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 felt saturated and the flow controlled, only press in the tip as needed.
3. Clean residue with MG 4140 or 413B flux removers.

Note: The felt tip on a new pen will take a few seconds to fully saturate, so expect an initial delay before the flux starts to flow. Moving the tip in circular motion can help loosen the felt fibers and speed up the saturation process.

Packaging and Supporting Products

Cat. No.	Packaging	Net Volume	Net Weight	Packaged Weight
835-P	Pen	10 mL [0.33 fl oz]	9.30 g [0.32 oz]	40 g [0.09 lb]
835-100ML	Bottle	125 mL [4.22 fl oz]	116 g [4.10 oz]	140 g [0.31 lb]
835-1L	Bottle	1 L [1.05 qt]	930 g [2.05 lb]	1.05 kg [2.32 lb]
835-4L	Bottle	4 L [1.05 gal]	3.72 g [8.20 lb]	4.18 kg [9.22 lb]

Technical Support

Please contact us regarding any questions, suggestions for improvements, or problems with this product. Application notes, instructions and FAQs are located at www.mgchemicals.com.

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