

Description

This 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.

It 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
- Chiselled tip allows precise application
- Fast wetting

Usage Parameters

Properties	Value
Shelf life	3 y
Storage temperature limits	18°C to 27°C [65°F to 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
Colour		Light amber
Solids %	IPC-TM-650 2.3.34	50%
Density	-	0.93 g/mL
Flash point	Closed cup	12°C [53°F]

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 fibres and speed up the saturation process.

Rosin Flux Pen



Packaging and Supporting Products

Part Number	Packaging	Net Volume	Net Weight	Packaged Weight
MC011534	Pen	10 mL [0.33 fl oz]	9.30 g [0.32 oz]	40 g [0.09 lb]

Part Number Table

Description	Part Number
Rosin Flux Pen, 10ml	MC011534

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