

CIRCUIT WORKS® Repair / Cleaning Pens

This comprehensive line of conveniently packaged precision dispensing products makes PCB repair and prototyping fast, easy, and accurate. Advanced formula materials and unique delivery systems ensure superior performance and pinpoint accuracy. Each pen comes with a multilingual instruction manual and regulatory information.



Conductive Pen - Draws highly conductive silver traces, jumpers and shielding with precision and control.

- Quickly creates silver traces on most surfaces.
- Solderable at low temperatures.
- Dries in minutes at room temperature.
- Choose from standard tip for wide lines or micro tip for fine lines.

Flex Conductive Pen - Draws highly conductive silver traces, jumpers and shielding on flexible and ITO surfaces.

- Quickly creates silver traces on Mylar and other flex circuitry.
- Highly adherent polymer system.
- Dries in minutes at room temperature.
- Micro tip for fine lines.

Overcoat Pen - Tough, protective acrylic conformal coating.

- Protects Conductive Pen traces and repairs solder mask.
- Protects against shorting, arcing, abrasion, and moisture.
- Dries in minutes at room temperature.
- Choose from clear or green coating color.

Conformal Coating Remover Pen - Precisely removes silicone, acrylic, and urethane coatings from PCBs.

- Removes coatings and spot cleans in seconds.
- Evaporates quickly.
- Provides low surface tension for superior wetting.

Flux Dispensing Pen - In No-Clean & Rosin formulations.

- **No-Clean** flux is non-corrosive, halide-free, and organic; Meets Bellcore TR-NWT-000078 and IPC SF-818 for SIR.
- **Rosin** flux is non-corrosive type R flux; Meets MIL-F-14256 E+F Type R and RMA.

Flux Remover Pen - For No-Clean & Rosin formulations.

- Removes flux and spot cleans in seconds.
- Dries quickly.

Part #	Description	Size	Case Qty	\$ Each ¹
023-CW2200STP	Conductive Pen, Std. Tip	8.5 g	12	14.92
023-CW2200MTP	Conductive Pen, Micro Tip	8.5 g	12	14.92
023-CW2900	Flex Conductive Pen	8.5 g	12	18.72
023-CW3300C	Overcoat Pen, Clear	4.9 g	12	12.42
023-CW3300G	Overcoat Pen, Green	4.9 g	12	12.42
023-CW3500	Conf. Coating Remover Pen	9.0 g	12	8.91
023-CW8100	Flux Pen, No-Clean	9.0 g	12	5.00
023-CW8200	Flux Pen, Rosin	9.0 g	12	4.84
023-CW9100	Flux Remover Pen, No-Clean	9.0 g	12	6.92
023-CW9200	Flux Remover Pen, Rosin	8.0 g	12	6.92

¹ Prices shown are for case quantities only. Call Prime for broken case pricing.

CIRCUIT WORKS® Grease

Unique packaging delivers grease precisely. Choose from Silver Conductive Grease and Heat Sink Grease.



Silver Conductive Grease Syringe - Provides superior electrical and thermal conductivity, lubrication, and protection.

- Contains pure silver for maximum conductivity.
- Effectively lubricates metal, rubber, and plastic.
- Protects against moisture and corrosion.
- Thermally stable over a wide temperature range.

Heat Sink Grease Tube - Silicone compound facilitates heat transfer away from electronics and electrical components.

- Excellent thermal conductivity and dielectric properties.
- Will not dry out, harden, or melt.
- Thermally stable from -40°F (-40°C) to 342°F (172°C).
- Noncorrosive and nonflammable. Meets MIL-C-47113.

Part #	Description	Size	Case Qty	\$ Each ¹
023-CW7100	Silver Cond. Grease Syringe	6.5 g	12	14.91
023-CT40-5	Heat Sink Grease Tube	142.0 g	12	12.93

CIRCUIT WORKS® Gold Guard™ Pen

Precisely cleans and lubricates gold and other noble metal contacts and connectors.

- Cleans/lubricates to extend contact life.
- Chisel tip marker allows exact delivery of solvent to surface.
- Safe on most plastics.



Part #	Description	Size	Case Qty	\$ Each ¹
023-CW7400	Gold Guard Pen	8.5 g	12	8.31

CIRCUIT WORKS® Adhesive & Epoxy

Unique packaging for precision delivery. Choose from a Conductive Epoxy and a Quick-Bond Gel Adhesive.



Conductive Epoxy Kit - Provides high-strength conductive bonding.

- Conductive silver epoxy provides excellent electrical conductivity.
- Repairs conductive traces and creates jumpers on boards.
- Provides an easy means for solderless electronic connections.
- Complete with 7g of adhesive and 7g of hardener in tubes.

Quick-Bond Gel Adhesive Kit - Offers easy, instant bonding of rubber, metal, and plastic.

- Gel formula is easy to apply, and it stays in place.
- Accelerator insures reliable and instant bonding.
- Ideal for wire tacking.
- Complete with 3g of adhesive and 2g of accelerator in tubes.

Part #	Description	Size	Case Qty	\$ Each ¹
023-CW2400	Conductive Epoxy Kit	7g+7g	12	19.18
023-CW4300	Quick-Bond Gel Adhesive Kit	3g+2g	12	7.37