



## Dusters and Coolers



### SUPER DUSTER 134 PLUS

Removes microscopic dust, lint, and foreign particles. Cleans computers and keyboards, photographic and audio-video equipment, coin counters, printers, timing devices, cash machines, optical equipment, fax machines, and other electro mechanical instruments. High rate of flow delivery system for increased performance. **Non-flammable, non-conductive, zero residue, 100% HFC 134A gas, ozone safe, variable valve allows greater user control.**

Cat. No.	Description	Net Price
402A-140G	140 grams (5 oz) aerosol	\$6.95
402A-285G	285 grams (10 oz) aerosol	9.95
402A-450G	450 grams (16 oz) aerosol	11.45



### SUPER DUSTER 152

Use for removing dust, lint and foreign particles. This product is not designed for use near ignition sources. For cleaning in such circumstances, use MG Chemicals' Super Duster 134 (Cat. No. 402A). **Zero residue. Variable valve allows greater user control. Ozone safe. Non-flammable gas. CAUTION: Do not tilt during use as flammable liquid may be dispensed.**

Cat. No.	Description	Net Price
402B-340G	340 grams (12 oz) aerosol	\$7.49



### SUPER DUSTER CHROME TRIGGER VALVE

For use with Super Duster 134 Refill Canisters (420AR). Allows user precision control and greater comfort. This high quality threaded chrome valve is for use with Cat. No. 402AR Super Duster Refill Aerosol cans, and can be used over and over. It simply screws onto the top of the can, and can be easily removed at any time later without damage to the valve or the can, even if the can's contents have not been depleted.

Cat. No.	Description	Net Price
402AR	285 grams (10 oz) aerosol refill	\$10.95
402T	Chrome trigger valve	34.95



### SUPER COLD 134 PLUS

Used to locate thermal intermittent electronic components, PCB cracks, and cold solder points. Freezes gum and adhesives for easy removal. Protects heat sensitive components during soldering. Chills to  $-51^{\circ}\text{C}$  ( $-60^{\circ}\text{F}$ ). **Zero residue, non-flammable, non-conductive, 100% HFC 134A gas, ozone safe, variable valve allows greater user control.**

Cat. No.	Description	Net Price
403A-285G	285 grams (10 oz) aerosol	\$11.45
403A-400G	400 grams (14 oz) aerosol	13.95

## Cleaners and Degreasers



### ISOPROPANOL CLEANER

A great general-purpose cleaner. Also effective as a flux remover. Perfect for use with fibre optics. Extra effective with M.G. Chemicals' Cat No.'s 852 and 853 Hog Hair cleaning brushes. Also available in convenient 5" x 8" presaturated wipes. **99.953% pure anhydrous alcohol, safe on plastics, low toxicity, contains no ozone-depleting substances.**

Cat. No.	Description	Net Price
824-100ML	125 ml (4.2 oz)	\$4.95
824-500ML	500 ml (17 oz) Pump	7.95
824-1L	1 litre (33 oz) liquid	10.99
824-4L	4 litres (1 gallon)	24.65
824-1G	3.78 litres (1 gallon) (Box of 4)	22.95
824-20L	20 litres (5 gallons)	110.00
824W	12.7 cm x 20.3 cm (5" x 8") wipe	.65
824-WX50	50 per jar	24.95
824-WX500	500 per bag	225.30



### MULTI PURPOSE ALCOHOL WIPE

Excellent for cleaning DVD's, CD's, and SMT Stencils. Removes inks, pastes, and contaminants. **Contains 70% pure isopropyl alcohol and 30% de-ionized water. Safe on plastics. Fast dry. Lint free.**

Cat. No.	Description	Net Price
8241-T	Tub (90 wipes 5" x 6")	\$9.95



## SAFETY WASH CLEANER DEGREASER

Use when a low toxicity cleaner degreaser is desired. Effective at removing oils, greases, inorganic and organic soils, smoke, flux, and ionic residues from PC boards, in office and office equipment connectors, electronic or mechanical parts, workbenches, relays and semi-conductors. Extra effective with M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **Safe on plastics, low toxicity.**

Cat. No.	Description	Net Price
4050-400G	400 grams (14 oz) aerosol	\$11.45
4050-525G	525 grams (18.5 oz) aerosol	13.95
4050-1L	1 litre (33 oz) liquid	14.95
4050-4L	4 litres (1 gallon) liquid	37.95
4050-20L	20 litres (5 gallons) liquid	129.50



## SUPER WASH CLEANER DEGREASER

Use when rapidly drying cleaner degreaser is desired. Perfect for quickly cleaning PC boards. Rapid dry time makes this product an excellent product for rinsing away other slower drying solvents. Great for rinsing dissolved flux. Extra effective with M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **Safe on plastics, rapid dry time.**

Cat. No.	Description	Net Price
406B-450G	450 grams (16 oz) aerosol	\$15.95



## HEAVY DUTY CLEANER DEGREASER

Use when an aggressive cleaner degreaser is required and plastic compatibility or flammability is not a concern. Great for removing heavy oils and greases, burnt on flux, ionic residues, and difficult to remove soils. Very effective at cleaning and degreasing the solder side (non component) of PC boards. Extra effective with M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **Aggressive cleaner, cost effective.**

Cat. No.	Description	Net Price
827B-425G	425 grams (15 oz) aerosol	\$13.95
827B-1L	945 ml (1 quart) liquid	18.95
827B-4L	3.78 litres (1 gallon) liquid	65.00
827B-20L	18.9 litres (5 gallons) liquid	195.00



## ULTRASONIC CLEANER

For use in all ultrasonic tanks and equipment for removing flux, oils, and most types of soils. Effectively cleans metals such as aluminum, copper, brass, silver, and gold. Features: super concentrated mix ratio: 1 to 100 with water. Very economical. Environmentally safe. **Safe on plastics. Non-flammable. Safe for workers.**

Cat. No.	Description	Net Price
821-250ML	250 ml (8.4 oz) liquid	\$4.65
821-1L	1 litre (33 oz) liquid	9.95



## IMMERSION SUPER SOLVENT

Use when immersion cleaning or wipe cleaning. Slow evaporation makes this product perfect for open air immersion cleaning. Being very human safe and biodegradable makes this a very environmentally friendly choice. Strong enough to easily strip most conformal coatings, uncured epoxies and adhesives, oils and greases. Great for cleaning parts or tools. **Low flammability, extremely slow evaporation, safe on most plastics, low toxicity, bio-degradable.**

Cat. No.	Description	Net Price
8260-1L	1 litre (33 oz) liquid	\$15.95



## CLEANER DEGREASER—NPB HEAVY DUTY

Use when a non-flammable extremely aggressive cleaner degreaser is required, and toxicity is not a concern. A cost effective 141B replacement. For use in exactly the same application as 827B, but where non-flammable is a requirement. Avoid inhalation. Respirator recommended. Suitable for use in vapour degreasers. Suitable for use as a cleaner degreaser, contact cleaner, or flux remover. Cleaner degreasers are extra effective with M.G. Chemicals' Hog Hair cleaning brushes. **Non-flammable, extremely aggressive.**

Cat. No.	Description	Net Price
4112-340G	340 grams (12 oz) aerosol	\$11.95
4112-1L	1 litre (33 oz) liquid	34.95
4112-4L	3.78 litres (1 gallon) liquid	113.50
4112-20L	18.9 litres (5 gallons) liquid	465.00
4112-200L	200 litre (55 gallons) liquid	4386.61



## HFE SOLVENT

Use when requiring an absolute 100% non-flammable, zero toxicity, or when requiring a cleaner degreaser that is both non-flammable and safe on plastics. Cleans energized circuits, contacts, motors, and other electrical equipment. A TF Solvent replacement. Approved by SNAP without restrictions. Excellent for use with vapour degreasers and ultrasonics. Extra effective with the use of M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **100% non-flammable, 100% non-conductive, 100% non-toxic.**

Cat. No.	Description	Net Price
411-300G	300 grams (10.6 oz) aerosol	\$36.95



## HFE SUPER CLEANER DEGREASER

An economical and effective alternative to 141B. Use when a cost effective non-flammable and non-conductive cleaner degreaser is required. Suitable for use on live circuits. Excellent cleaning strength. Also suitable for use as a contact cleaner or flux remover. Extra effective with the use of M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **Non-conductive, non-flammable, test on plastics.**

Cat. No.	Description	Net Price
412-450G	450 grams (16 oz) aerosol	\$29.95



## SUPER CLEANER DEGREASER

For removing greases, oils, oxides, silicones, flux, carbon, dirt, smoke film, and grime. Extra strength non-flammable cleaner degreaser containing modified HFE solvent. Cleans and degreases energized circuits, contacts, motors, and other electronic equipment. An excellent HCFC solvent replacement. **Approved by SNAP without restrictions. Heavy duty, fast dry, ozone safe, non-flammable, non-conductive.**

Cat. No.	Description	Net Price
412-450G	450 grams (16 oz) aerosol	\$26.45

# Contact Cleaners



## CONTACT CLEANER WITH ELECTRONIC GRADE SILICONES

Use when requiring a contact cleaner with lubrication. Cleans and protects with silicone for lubrication. Contains a unique blend of high purity solvents and electronic grade silicone. Cleans and lubricates tuners, office equipment, battery terminals, switches, keyboards, ignition systems, locks, plastic parts, rubber gaskets, contacts, mold releases, telescoping antennas and more. **Fast dry, safe on plastics and elastomers, silicone lubrication.**

Cat. No.	Description	Net Price
404B-140G	140 grams (5 oz) aerosol	\$6.45
404B-340G	340 grams (12 oz) aerosol	11.95



## ELECTROSOLVE CONTACT CLEANER

Use when a zero residue contact cleaner is required. An effective and powerful cleaner that quickly penetrates and dissolves most soil types. For use on most electronic parts and equipment including connectors, contacts, LED's, PCB's, components, circuit breakers, tuners and microprocessors. Variable valve allows user to control rate of flow. Extra effective with M.G. Chemicals' Cat. No.'s 852 and 853 Hog Hair cleaning brushes. **Fast dry, safe on plastics, zero residue.**

Cat. No.	Description	Net Price
409B-140G	140 grams (5 oz) aerosol	\$6.45
409B-340G	340 grams (12 oz) aerosol	10.95



## SUPER CONTACT CLEANER WITH POLYPHENYL ETHER

Use when requiring a contact cleaner with lubrication that offers long-term protection from oxidation. Reduces contact scrubbing and reduces connection wear and abrasion failures. Protects, lubricates and deoxidizes IC's, connectors, jacks, relays, contacts, switches, plugs, batteries, jacks, relays, controls, potentiometers, and more. Also available in micro tip pen format. **Protects gold for life, improves conductivity, safe on plastics.**

Cat. No.	Description	Net Price
801B-125G	125 grams (4.4 oz) aerosol	\$9.95
801B-100ML	125 ml (4.2 oz) liquid	9.95
801B-P	10 ml (0.34 oz) micro tip pen	6.95



## SILICONE CONFORMAL COATING

Ideal for high temperature environments. Silicone conformal coating is a flexible finish product that provides a protective coating for printed circuit boards against moisture, corrosion, and thermal shock. It protects and insulates electrical and electronic components and assemblies, including generators, motors, transformers, relays, and solenoid coils. For spraying, liquid can be thinned using Cat. No. 435-1L thin up to one half part thinner to one part coating. Also available in a micro tip pen format (422-P).

Cat. No.	Description	Net Price
422-55ML	55 ml (2 oz) bottle	\$9.95
422A-340G	340 grams (12 oz) aerosol	16.95
422-1L	945 ml (1 quart) liquid	54.75
422-4L	3.78 litres (1 gallon) liquid	215.65
422-20L	18.9 litres (5 gallons) liquid	961.54
422A-P	5 ml (0.16 oz) pen	8.95



## URETHANE CONFORMAL COATING

Ideal for extreme chemical conditions. Urethane conformal coating is a durable finish product that provides a protective coating for printed circuit boards against moisture, corrosion, and thermal shock. It protects and insulates electrical and electronic components and assemblies, including generators, motors, transformers, relays, and solenoid coils. For spraying, liquid can be thinned using Cat. No. 435-1L thin up to one half part thinner to one part coating.

Cat. No.	Description	Net Price
4223-55ML	55 ml (2 oz) bottle	\$8.95
4223-1L	945 ml (1 quart) liquid	39.95
4223-4L	3.78 litres (1 gallon) liquid	135.00
4223-20L	18.9 litres (5 gallons) liquid	615.00



## THINNER CLEANER SOLVENT

Used for thinning coatings as well as for cleaning workplace and equipment after the use of conformal coatings.

Cat. No.	Description	Net Price
435-55ML	55 ml (2 oz) bottle	\$7.45
435-1L	945 ml (1 quart) liquid	14.95
435-4L	3.78 litres (1 gallon) liquid	39.95



## CONFORMAL COATING STRIPPER

Removes protective coatings, including epoxy, urethane, silicones, and acrylics. Also removes carbon, tar, adhesives, rubber, and some plastics.

Cat. No.	Description	Net Price
8310-100ML	100 ml (3.4 oz) with brush cap	\$8.95



## SUPER CORONA DOPE

Excellent for high voltage applications. Protects electrical and electronic components from arcing and discharge. Thoroughly penetrates into windings and coils and seals out air, dust, and moisture. Application: motor windings, transformers, switch board parts, field coils, stator windings, etc. Dielectric strength: 4100 volts/mil when baked cure.

Cat. No.	Description	Net Price
4226-55ML	55 ml (2 oz) bottle	\$8.95
4226-1L	945 ml (1 quart) liquid	39.95
4226-4L	3.78 litres (1 gallon) liquid	135.00



## RED INSULATING VARNISH

Protects electrical and electronic components from arcing and discharge. Thoroughly penetrates into windings and coils and seals out air, dust and moisture. Application: motor windings, transformers, switch board parts, field coils, stator windings, etc. Dielectric strength: 3000 volts/mil.

Cat. No.	Description	Net Price
4228-55ML	55 ml bottle	\$8.95
4228-1L	1 litre	39.95
4228-4L	1 gallon	135.00



## CONNECTOR COATING

A high performance replacement for standard electrical tape and shrink wrap. Seals, insulates and protects exposed wires, metal, and plastic. Forms a strong, pliable moisture resistant bond. Will not crack. Great for hard to get at areas. Tack free in minutes. Resists detergents, acids, alkalies, and sunlight. Product remains flexible from -34°C to 93°C (30°F to 200°F).

Cat. No.	Description	Net Price
4229-55ML	55 ml (2 oz) bottle	\$10.95

## Epoxies



### ENCAPSULATING AND POTTING EPOXY COMPOUND

Provides excellent protection from impact, shock, conductivity, moisture, abuse, chemicals, and analysis. Provides technology security. Excellent for explosion proof components. Available in black and clear.

Cat. No.	Description	Net Price
832B-375ML	375 ml (12 oz) liquid (Black)	\$25.95
832C-375ML	375 ml (12 oz) liquid (Clear)	24.95
832B-3L	3 litres (0.8 gallons) liquid (Black)	99.95
832C-3L	3 litres (0.8 gallons) liquid (Clear)	95.00

### FLAME RETARDANT ENCAPSULATING AND POTTING EPOXY COMPOUND

Meets UL 94V-0 vertical burn test. A two component self-extinguishing epoxy compound. Provides insulation and protects sensitive components and circuits from: static discharge, impact, heat, shock, conductivity, abuse, vibration, moisture, fresh and salt water, chemicals and analysis. Blue in colour.

Cat. No.	Description	Net Price
832FRB-375ML	375 ml (12 oz) liquid	\$29.95
832FRB-3L	3 litres (0.8 gallons) liquid	137.80

### THERMALLY CONDUCTIVE EPOXY ENCAPSULATING AND POTTING COMPOUND

100% solids. Formulated with undiluted Bis F resin for superior physical properties, and pigmented with high purity aluminum oxide pigment to provide excellent thermal conductivity at reasonable cost. Pigmented black for excellent thermal absorption and emission. Provides superior protection from impact, shock, conductivity, moisture, abuse, chemicals, and analysis.

Cat. No.	Description	Net Price
832TC-450ML	450 ml (16 oz) liquid	\$31.95
832TC-2L	2 litres (0.5 gallon) liquid	99.75



### EPOXY MOLD RELEASE—NON SILICONE

For use with all types of epoxies and phenolic resins.

Cat. No.	Description	Net Price
8329-350G	350 grams (12.3 oz) aerosol	\$11.95



### EPOXY AND ADHESIVE CLEANER

Very effective cleaning solvent (KB value >1000). Excellent for wipe cleaning, ultrasonics, and cold cleaning applications. **Human and environment safe solvent. Slow evaporator, low odour, safe on plastics, zero residue, biodegradable.**

Cat. No.	Description	Net Price
8328-500ML	500 ml (17 oz) trigger pump	\$12.45

## Specialty Products



### TOUCH & GO PLASTIC PUMP

Dispensers come with a high-density polyethylene 8 oz. bottle suitable for many solvents. Compact design provides stability and saves storage space. Dispenser is also wide opening and allows for easy fill. Translucent bottles allow for easy viewing of contents. **Anti-spill lock, Anti-back flow.**

Cat. No.	Description	Net Price
8232-8	237 ml (8 oz) Pump bottle	\$14.95



### TOUCH PUMP SOLVENT DISPENSERS

Both dispensers come with a high-density polyethylene 8 oz. bottle suitable for many solvents. These square shaped bottles also provide stability and saves storage space. Dispensers are also wide opening and allows for easy fill. Translucent bottles allow for easy viewing of contents.

Cat. No.	Description	Net Price
8230-8	237 ml (8 oz) Pump bottle	\$21.95
8231-8	237 ml (8 oz) Pump bottle (anti-spill lock, anti-back flow)	26.95



### PROJECTION TUBE COOLANT

Use as a heat transfer fluid in projection tubes. Compatible with all major brands. High purity, non-contamination. Easy to use container.

Cat. No.	Description	Net Price
803-250ML	250 ml (8.4 oz) liquid	\$7.45
803-500ML	500 ml (17 oz) liquid	12.95



### HFE CLEANER/DEGREASER LIGHT DUTY DEGREASER

A precision solvent designed to remove dirt, oil, grease and other stubborn contaminants. HFE Cleaner/Degreaser is a non-ozone depleting, non-flammable, rapidly evaporating solvent with excellent plastic compatibility.

Cat. No.	Description	Net Price
1685-18S	18 Ounce Aerosol	\$45.54

### HFE FLUX REMOVER GENERAL PURPOSE DEFLUXER

Excellent cleaner for hand and batch bench-top cleaning applications. Rapidly evaporates. HFE Flux Remover is a non-flammable, safe on plastics, non-ozone

Cat. No.	Description	Net Price
1686-18S	18 Ounce Aerosol	\$46.63

### HFE CONTACT CLEANER GENERAL PURPOSE CONTACT CLEANER

HFE Contact Cleaner is a non-flammable, safe on plastics, non-ozone depleting solvent designed to clean electrical contacts and switches. Rapidly evaporates.

Cat. No.	Description	Net Price
1687-18S	18 Ounce Aerosol	\$45.54

### ISOPROPYL ALCOHOL

Light duty, economical cleaner that is safe on most plastics. 99.6% pure, anhydrous isopropanol is the industry standard for cleaning fiber optic connections and terminations. Presaturated wipes are ideal for in-house or field repair. Choose 1610-50PK for individually wrapped wipes, or 1610-100DSP for pop-up wipes in a plastic tub.

Cat. No.	Description	Net Price
1610-50PK	50 Pre-Saturated Packets per Carton	\$25.15
1610-G	1 Gallon Metal	61.67
1610-GS	1 Gallon Bladder	25.00
1610-100DSP	100 Pre-Saturated Wipes in Container	24.05

### LABEL AND ADHESIVE REMOVER

Label and Adhesive remover is a specifically designed, hydrocarbon cleaner that safely removes labels and adhesive gums from equipment and products. Effectively removes gummy residues, labels, stickers, ink marks, beverage spills and other contaminants.

Cat. No.	Description	Net Price
1613-6S	6 Ounce Aerosol	\$13.82

### ECOLINE FROM TECH SPRAY

Tech Spray introduces its Ecoline of solvents. This family of hydrocarbon blends offers viable alternatives to CFC cleaning. These blends consist of alcohols and other solvents like hexane and n-propyl acetate. This group of cleaners is EPA SNAP approved. Being excellent cleaners, safe on plastics and having a good evaporation rate, the hydrocarbon based cleaners are rapidly becoming the solvents of choice. This technology is also much less expensive than the CFC and HCFC products. While these products are flammable, the risk can be greatly reduced and the cleaning power can be increased by using the Tech Spray Brush Attachment (Cat. No. 1991 in stock). This attachment directs the solvent flow and gives the user complete control of cleaning operation. All aerosol solvents and Dusting Gas have threaded valves and are ready to accept the Multi-Directional Spray and Brush Attachments.

### ECONOLINE CLEANER/DEGREASER GENERAL PURPOSE DEGREASER

This Cleaner/Degreaser is a synergistic blend of alcohols designed for cleaning electronic and electrical equipment, machinery and metal parts. Rapidly evaporates.

Cat. No.	Description	Net Price
1620-10S	10 Ounce Aerosol	\$10.35



### ECOLINE FLUX REMOVER GENERAL PURPOSE DEFLUXER

The Flux Remover is a unique combination of hydrocarbon solvents and alcohols making it an excellent defluxer. Safe on plastics and rapid evaporation, the Flux Remover dissolves type R, RMA, RA, SA and most no-clean fluxes. Con-

Cat. No.	Description	Net Price
1621-4S	4 Ounce Aerosol w/Brush Attachment	\$8.57
1621-10S	10 Ounce Aerosol	10.35

### ECONOLINE CONTACT CLEANER GENERAL PURPOSE CONTACT CLEANER

This Contact Cleaner is a hexane mixture that cleans electrical contacts and connections. Ideal for switches, relays, contact pads and other electrical connections. Blended hydrocarbons, quickly penetrates, and rapidly evaporates.

Cat. No.	Description	Net Price
1622-10S	10 Ounce Aerosol	\$10.35



1671



1672



1697

## DUSTERS & FREEZERS

All techspray dusters and freezer products are made of exceptionally pure HFC-134a, which is a moisture-free, non-flammable, non-ozone depleting gas.

### TECHSPRAY DUSTER

Blows away microscopic contaminants, lint, dust, metallic oxide deposits and other soils that can cause heat build up or shorts in sensitive electronics.

Cat. No.	Description	Net Price
1671-10S	10 Ounce Aerosol	\$10.77
1671-15S	15 Ounce Aerosol	13.69

### VORTEX 360° DUSTER

Provides high velocity blast to remove dust, lint, and other contaminants from computers, printers, and optics. Vortex 360° can be sprayed in any direction without risk of dispensing liquid refrigerant on valuable equipment.

Cat. No.	Description	Net Price
1697-8S	8 Ounce Aerosol	\$15.44

### TECHSPRAY FREEZER

A rapidly evaporating liquid that chills to minus 62°F. Used as a troubleshooting aid for intermittently faulting capacitors, resistors, semi-conductors, and other defective components.

Cat. No.	Description	Net Price
1672-10S	10 Ounce Aerosol	\$10.88

### DEGREASER NF

A non-flammable heavy duty cleaner/degreaser used to penetrate and dissolve soils such as oil, grease, wax, tar, adhesive and rosin. An excellent cleaning product for electronic and electrical equipment, machinery and metal parts.

Cat. No.	Description	Net Price
3070-19S	19 Ounce Aerosol	\$8.87

### ADVANEX 10

A general purpose, economy lubricant for all industrial applications. The high flash point lubricant, combined with a non-flammable propellant, makes Advanex 10 the ideal choice.

Cat. No.	Description	Net Price
3100-15S	15 Ounce Aerosol	\$6.10

### ECOLUBE

Ecolube has the solvency of the Ecoline Contact Cleaner (1622), and contains silicone as its lubricant. This product does not contain CFCs, HCFCs, or 1,1,1-trichloroethane.

Cat. No.	Description	Net Price
2413-8S	8 oz. Aerosol	\$11.77



### SILICONE FREE HEAT SINK COMPOUND

A silicone free compound applied under power transistors and other devices that generate heat to assist in transferring heat from generating objects. Will not harden. -40°C up to 20°C.

Cat. No.	Description	Net Price
1978-DP	4 Ounce Squeeze Tube	\$28.24



## TECHSPRAY DESOLDERING BRAID

TechSpray's desoldering braid combines innovative product design with proprietary processing to make it the top name in wick! The braid design has a strong capillary action that works instantly to pull solder. To ensure fast reliable wicking action, the copper braid is cleaned using a proprietary, multistage process that removes oxidation and other residues before flux is added. TechSpray desoldering braid is available in static dissipative bobbins for static sensitive environments.

Cat. No.	Size	Colour	Availability**
<b>PRO WICK</b>			
1801-XXX	#1	White	5F, 10F, 25F, 50F, 100F, 500F
1802-XXX	#2	Yellow	
1803-XXX	#3	Green	
1804-XXX	#4	Blue	
1805-XXX	#5	Brown	
1806-XXX	#6	Red	5F, 25F, 50F, 100F, 500F

### PRO WICK ANTI-STATIC BOBBIN

1808-XXX	#1	White	5F, 10F, 25F, 50F, 100F
1809-XXX	#2	Yellow	
1810-XXX	#3	Green	
1811-XXX	#4	Blue	
1812-XXX	#5	Brown	5F, 10F, 24F, 50F
1813-XXX	#6	Red	5F, 25F
1826-XXX	SMT	Grey	5F, 10F
1828-XXX	BGA	Purple	5F

### NO-CLEAN WICK

1814-XXX	#1	White	5F, 10F, 25F, 50F, 100F, 500F
1815-XXX	#2	Yellow	
1816-XXX	#3	Green	
1817-XXX	#4	Blue	
1818-XXX	#5	Brown	
1819-XXX	#6	Red	5F, 25F, 50F, 100F, 500F

### NO-CLEAN WICK ANTI-STATIC BOBBIN

1820-XXX	#1	White	5F, 10F, 25F, 50F, 100F
1821-XXX	#2	Yellow	
1822-XXX	#3	Green	
1823-XXX	#4	Blue	
1824-XXX	#5	Brown	5F, 10F, 25F, 50F
1825-XXX	#6	Red	5F, 25F
1827-XXX	SMT	Grey	5F, 10F
1829-XXX	BGA	Purple	5F

### UNFLUXED WICK

1830-XXX	#1	White	5F, 10F
1831-XXX	#2	Yellow	
1832-XXX	#3	Green	
1833-XXX	#4	Blue	
1834-XXX	#5	Brown	
1835-XXX	#6	Red	

\*\*Replace -XXX in Cat. No. with footage indicated in Availability column above. Contact your Electro Sonic sales representative for pricing and availability.



## SOLDER FAULT MARKER

Convenient applicator designed to mark solder faults for identification and subsequent re-work. The highly visible yellow colouring combined with a black light indicator ensures quick recognition. Marking agent is quick drying, non-stringing, and is removed with warm water or TechSpray solvents. **Applications:** Solder Fault Marking. Rework. Faulty Component Identification. Any application that requires temporary identification and marking.

Cat. No.	Description	Net Price
1850-W	Fault Marking Pen Containing 10 ml Yellow Solution	\$9.19



## KESTER 256 NO-CLEAN EASY PROFILE SOLDER PASTE

Extremely robust and user-friendly. Can be processed in multitude of different reflow profiles. Highly active and capable of wetting unusual metalisations. Compliant specifications: Bellcore Issue 1 GR-78-CORE, ANSI/J-STD-004 Classification ROL0.

Cat. No.	Alloy	Weight	Net Price
<b>NO-CLEAN, TYPE 3, 90% METAL</b>			
57-3201-4809	Sn63Pb37	500g jar	\$95.00
57-3203-4809	Sn62Pb36Ag2	500g jar	100.71
57-3201-4813	Sn63Pb37	600g cartridge	114.00
57-3203-4813	Sn62Pb36Ag2	600g cartridge	120.86
57-3201-4815	Sn63Pb37	1000g cartridge	160.00
57-3203-4815	Sn62Pb36Ag2	1000g cartridge	171.43
57-3201-4816	Sn63Pb37	1400g cartridge	224.00
57-3203-4816	Sn62Pb36Ag2	1400g cartridge	240.00

## KESTER "202" NO-CLEAN PUREMARK SOLDER PASTE

Residues are extremely ICT probe friendly. Excellent print and reflow characteristics for 0201 applications with Type 3 power. Capable of 2 hour break times in printing. High print speeds: up to 8 in/sec. Excellent printing characteristics to 16mil pitch with Type 3 power. High activity on all substrates, including OSPs. Stencil life: 12+ hours (process dependent). Stack tack: 12+ hours. J-STD-004 Flux Classification ROL0. Compliant to Bellcore GR-78-CORE. Compatible with MPM RheoPump™ and DEK ProFlux™ enclosed print head systems.

Cat. No.	Alloy	Weight	Net Price
57-3201-8609	Sn63Pb37	500g jar	\$95.00
57-3203-8609	Sn62Pb36Ag2	500g jar	100.71
57-3201-8613	Sn63Pb37	600g cartridge	114.00
57-3203-8613	Sn62Pb36Ag2	600g cartridge	120.86
57-3201-8615	Sn63Pb37	1000g cartridge	160.00
57-3203-8615	Sn62Pb36Ag2	1000g cartridge	171.43
57-3201-8616	Sn63Pb37	1400g cartridge	224.00
57-3203-8616	Sn62Pb36Ag2	1400g cartridge	240.00

## KESTER R562 WATER-SOLUBLE SOLDER PASTE

Kester R562 is an organic acid, water-soluble solder paste specifically designed for resistance to environmental extremes. Water-soluble pastes tend to dry out in low relative humidities and slump at high relative humidities. R562 will maintain its print characteristics, tack and activity even after exposure to environmental extremes. Classified as ORH0 per ANSI-J-STD-004.

Cat. No.	Alloy	Weight	Net Price
57-3201-7509	Sn63Pb37	500g jar	\$95.00
57-3203-7509	Sn62Pb36Ag02	500g jar	100.71
57-3201-7513	Sn63Pb37	600g cartridge	114.00
57-3203-7513	Sn62Pb36Ag02	600g cartridge	120.86
57-3201-7515	Sn63Pb37	1000g cartridge	160.00
57-3203-7515	Sn62Pb36Ag02	1000g cartridge	171.43
57-3201-7516	Sn63Pb37	1400g cartridge	224.00
57-3203-7516	Sn62Pb36Ag02	1400g cartridge	240.00

## KESTER "531" WATER-SOLUBLE HYDROMARK SOLDER PASTE

Designed as an all-purpose water-soluble paste, Hydro Mark 531 provides consistent hours of stable stencil life, tack time, and printing characteristics. Offers improved anti-slump characteristics along with excellent solderability to a wide range of surface and component lead metallizations, solving problems caused by slumping, bridging, and wetting. Compliant specifications: ANSI/J-STD-004 Classification ORMO. Residue removal with de-ionized or soft tap water at 120 to 140°F.

Cat. No.	Alloy	Weight	Net Price
57-3201-8509	Sn63Pb37	500g jar	\$95.00
57-3203-8509	Sn62Pb36Ag2	500g jar	100.71
57-3201-8513	Sn63Pb37	600g cartridge	114.00
57-3203-8513	Sn62Pb36Ag2	600g cartridge	120.86
57-3201-8515	Sn63Pb37	1000g cartridge	160.00
57-3203-8515	Sn62Pb36Ag2	1000g cartridge	171.43
57-3201-8516	Sn63Pb37	1400g cartridge	209.06
57-3203-8516	Sn62Pb36Ag2	1400g cartridge	240.00

## KESTER R276 NO-CLEAN SYRINGE DISPENSABLE SOLDER PASTE

Provides optimal performance in all types of dispensing applications. R276 is packaged void-free to ensure consistent dispensing in high speed automated processes. Exhibits excellent dispensing characteristics with a wide range of needle diameters. Compliant specifications: Bellcore Issue 1 GR-78-CORE, ANSI/J-STD-004. Classification ROL0.

Cat. No.	Alloy	Weight	Net Price
<b>TYPE 3, 87% METAL</b>			
57-3901-5403	Sn63Pb37	35g syringe	\$17.50
57-3903-5403	Sn62Pb36Ag2	35g syringe	32.15
57-3901-5407	Sn63Pb37	100g syringe	40.00
57-3903-5407	Sn62Pb36Ag2	100g syringe	77.43

## KESTER R500 WATER-SOLUBLE SYRINGE DISPENSABLE SOLDER PASTE

The activator package in this formula is aggressive enough to remove tenacious oxide layers or solder to OSP coated boards. R500 delivers excellent wetting characteristics. Compliant specifications: ANSI/J-STD-004 Classification ROL0. Residue removal with de-ionized or soft tap water at 130 to 150 degrees F.

Cat. No.	Alloy	Weight	Net Price
<b>TYPE 3, 87% METAL</b>			
57-3901-5603	Sn63Pb37	35g syringe	\$17.50
57-3903-5603	Sn62Pb36Ag2	35g syringe	32.15
57-3901-5607	Sn63Pb37	100g syringe	40.00
57-3903-5607	Sn62Pb36Ag2	100g syringe	77.43

## THE FULLY ACTIVATED ROSIN FLUXES (TYPE RA) FORMULA NO. 1544

This flux may be regarded as the most active of the non-corrosive and non-conductive rosin type fluxes, even when used on the most delicate of electrical or electronic assemblies. Fungus resistant, non-tacky residue. Contains 50% solids.

Cat. No.	Litres	Net Price
63-0000-1544	4	\$34.69

## THINNER FORMULA 104

For thinning or replacing evaporation loss of the 1544 and 1571 resin fluxes.

Cat. No.	Litres	Net Price
63-0000-0104	4	\$30.00

## KESTER 2235 WATER-SOLUBLE SOLDERING FLUXES

No. 2235 Organic Water-Soluble flux, very active foaming flux for Surface Mount assemblies, designed to help reduce skips on bottom side of SMT pads. Residue removal is required. Use soft or de-ionized water at a temperature of 120 to 150 degrees F. Use 4662 Thinner to maintain correct level of flux activity.

Cat. No.	Litres	Net Price
63-0000-2235	4	\$42.80
64-0000-2235	20	205.71
65-0000-2235	200	1776.00

## KESTER ORGANIC WATER-SOLUBLE FLUX FORMULA NO. 2331ZX

No. 2331 is the standard organic flux for a variety of automated circuit board soldering applications. This latest development in organic fluxes is not a self-neutralizing flux but rather a truly neutral formulation. It cannot attack metal of epoxy-glass surfaces as experienced with the acid type organic fluxes. The residue can be removed completely with plain water without neutralizers. This biodegradable, non-acid flux is designed for modern wave or drag soldering machines. The formula contains no water, polyglycols or non-water-soluble solvent, is non-spattering and environmentally safe.

Cat. No.	Litres	Net Price
63-0097-2331	4.0	\$47.85

## THINNER FORMULA 4662

For thinning 2331ZX Neutral Organic Flux, 2223 and 2235 Organic water-soluble fluxes.

Cat. No.	Litres	Net Price
63-0000-4662	4	\$42.17

## KESTER 958 LOW SOLIDS NO-CLEAN SOLDERING FLUXES

No. 958 no-clean 2.7% solids; non-corrosive halogen free flux designed for wave soldering of conventional surface mount circuit board assemblies. Provides excellent soldering performance on bare copper printed circuit boards. Designed for both foam and spray flux applications. Use 4662SM Thinner to replace evaporated solvents and maintain flux activity.

Cat. No.	Litres	Net Price
63-0000-0958	4	\$42.17
64-0000-0958	20	189.60
65-0000-0958	200	1752.00

## KESTER 959 LOW SOLIDS NO-CLEAN SOLDERING FLUXES

No. 959 no-clean 3.9% solids; non-corrosive, halogen free flux designed for wave soldering of conventional, and Surface Mount Board assemblies. Kester's 959 minimizes the formation of micro solder balls during wave soldering. Designed for both spray and foam flux application. Use 4662 SM Thinner to replace evaporated solvents and maintain flux activity.

Cat. No.	Litres	Net Price
63-0000-0959	4	\$42.17
64-0000-0959	20	178.13
65-0000-0959	200	1597.33

## THINNER FORMULA 4662SM

For thinning 920 Halogen-Free Organic Flux, 958 and 959 Low Solids No-Clean Fluxes.

Cat. No.	Litres	Net Price
63-0024-4662	4	\$32.34

## KESTER "979" VOC-FREE NO-CLEAN FLUXES

Developed to reduce bottomside micro-solder balling and bridging on glossy laminates and between connector pins. Designed as a spray flux, 979's activation system provides excellent wetting producing complete and consistent hole-fill. Compliant specifications: Bellcore Issue 1 GR-78 Core and ANSI/J-STD-004 Flux designator ORLO. Residue removal with hot de-ionized water at 140-160°F.

Cat. No.	Litres	Net Price
63-0000-0979	4	\$37.42
64-0000-0979	20	166.93
65-0000-0979	200	1634.29



## KESTER LOW SOLIDS, NO CLEAN SM FLUX FORMULA NO. 951

Kester #951 is a halogen-free, non-rosin organic flux designed for wave soldering conventional and surface mount circuit board assemblies. The extremely low solids content (2.0%) and nature of the activator system results in practically NO RESIDUE left on the assembly after soldering. Boards are dry and cosmetically clean as they exit the wave solder machine. There are no residues to interfere with electrical testing and the expense of cleaning is eliminated. This non-corrosive and non-conductive flux meets the strict requirements of Bellcore GR-78 specification. This flux is suitable for automotive, computer, telecommunications and other applications.

Cat. No.	Litres	Net Price
63-0000-0951	4	\$40.91

## KESTER REWORK FLUXES

Kester's two rework formulas are specifically formulated for PCB rework operations. Kester's RF741 No-Clean and RF-770 Water-Soluble rework fluxes will handle any surface mount or through-hole rework. Available only in syringe packaging.

Cat. No.	Description	Packaging	Net Price
57-0000-5053	RF-741 no-clean	10g syringe	\$8.43
57-0000-5025	RF-741 no-clean	30g syringe	24.00
57-0000-4153	RF-770 water soluble	10g syringe	8.43
57-0000-4125	RF-770 water soluble	30g syringe	24.00



## KESTER BIO-KLEEN® FLUX RESIDUE CLEANER FORMULA NO. 5768

No. 5768 BiO-Kleen® is a highly-concentrated liquid cleaner used for the safe removal of rosin flux residues. The chemicals in the cleaner react with the rosin residues to form soaps which can then be rinsed away with water. Formula No. 5768 is designed for difficult to remove solder paste residues and is non reactive with most metals present on electronic assemblies.

Cat. No.	Litres	Net Price
63-0000-5768	4	\$91.94
64-0000-5768	20	247.47
65-0000-5768	200 Litre Drum	1760.00

## THINNER FORMULA 110

For thinning #951 SM Flux.

Cat. No.	Litres	Net Price
63-0000-0110	4	\$35.89