

# LA-CO<sup>®</sup>



## PLUMBING & CHEMICAL PRODUCTS



# ABOUT LA-CO INDUSTRIES INC.

## Our Products



From a simple but brilliant idea – putting paint into a convenient hand-held marker – to an array of thousands of products, LA-CO®/Markal® has led the way in marking, plumbing chemicals and livestock identification technology for over 75 years. With the development of unique specialty chemical products that meet demanding industrial applications, the LA-CO® and Markal® brands have become the leaders in the industries they serve.

LA-CO® is a performance-based company. Performance in the products we manufacture; in the service to our customers; and in our people, who are our most important resource. Our company's success has been founded on the belief that first and foremost we listen to our customers. Once we determine their future needs, then we can develop high performance products that meet or exceed those needs. We continue to make extensive investments in new equipment and manufacturing processes and in new product research to meet the ever changing needs of our customers.

Today LA-CO® & Markal® branded products are sold through over 6,500 distributors around the world in over 30 countries. This extensive distribution network allows us to provide the highest level of service to our customers.

## Our Mission

“To actively listen to our customers and meet or exceed their expectations by providing the highest quality performance products for marking, sealing, joining and other chemical specialty applications. To be environmentally responsible in the design and manufacture of our products. To promote the growth and well-being of our employees.”



## Our People

LA-CO's employees are our most important asset. They conduct the research for new and better products, maintain the high quality level of our products and provide fast, efficient customer service to all our customers. Without them, we could not maintain the leadership role in the marketplace that we enjoy today. Their experience, dedication and hard work will ensure LA-CO's future success.



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## Every Job Needs Them



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# FLUXES & HEAT PROTECTION

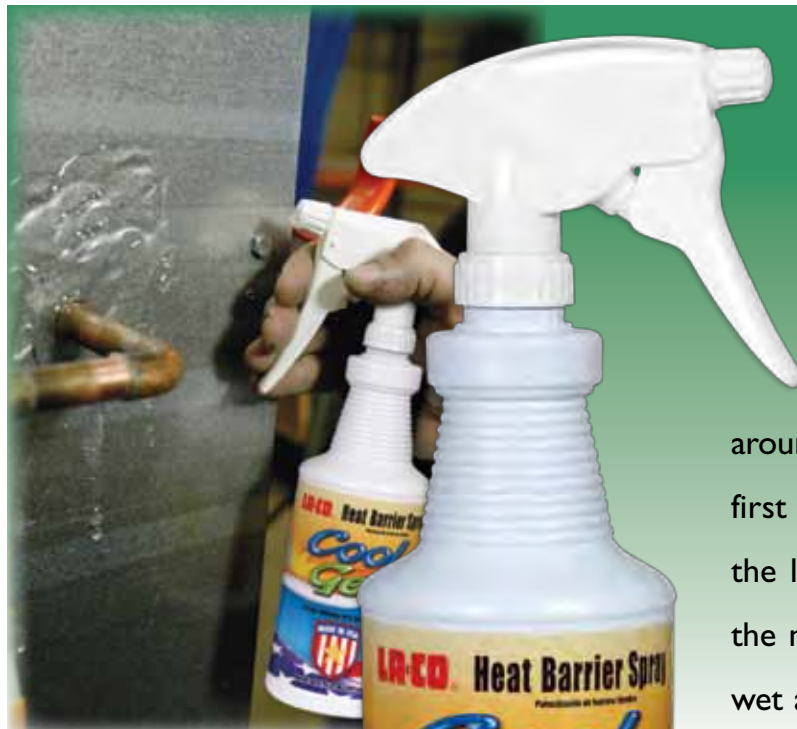
## Safe, Reliable Flux and Heat Barrier Protection for Every Job.

When it comes to soldering and brazing, LA-CO® is the brand that plumbers around the world trust to do the job right the first time, every time. LA-CO Regular Flux is the leader when it comes to soldering under the most difficult conditions. It works through wet and oily pipe with all lead-free solders and

flushes quickly from the pipes. The non-acid formula also makes it safe to use. LA-CO makes a complete range of specialty fluxes for all metals including aluminum, stainless steel, brass, iron,

tin and zinc. And to protect those flammable surfaces when you are soldering don't forget Cool Gel®, the heat barrier spray that prevents fire and heat damage to wood, drywall and valve seals. The cooling gel absorbs heat before it can get to the surface and it doesn't stain or damage the surface when you are done.

**When it comes to soldering, brazing and heat barrier protection, LA-CO gets the job done.**



# FLUXES & HEAT PROTECTION

## REGULAR FLUX PASTE

Cleans as It Solders

Water Soluble



- Super detergent action cleans as it solders
- Water soluble for faster flushing from pipe lines
- Non-acid, non-toxic, lead-free
- Contains no zinc chloride
- Use with all lead-free and common soft solders
- For use on copper, brass, galvanized iron, lead, zinc, tin, silver, nickel, mild steel, terne plate and malleable iron
- Meets Mil. Spec. Mil-F-4995 Type II
- Meets ASTM B813
- All-weather, can be used in hot and cold climates

PART NO.	SIZE	CASE QTY.
22101	2 oz.	48
22104	4 oz.	48
22194	4 oz. BIC	48
22107	1 lb.	24

BIC = Brush in Cap



## SILVER BRAZING FLUX PASTE

High Heat Resistance



- Powerful cleaning action reduces waste of expensive silver solders
- Packed in break-resistant plastic jars
- Use with torch, furnace, resistance or induction heating
- Production sizes available
- Meets Mil. Spec. Mil-F-4883
- Meets Fed. Spec. O-F 499D, Type B, AWS Spec. A5.31-92 Classification FB3-A, AMS 3410F & 2665C, US Army #4-1121 and US Air Corps 1970

- Temperature range: 1000°F to 1700°F (538°C to 927°C)



PART NO.	SIZE	CASE QTY.
22305	6 oz.	24
22395	6 oz. BIC	24
22307	1 lb.	24
Dozen Display Box		
22302	2 oz.	48

BIC = Brush in Cap



## FLUX-RITE 90® FLUX

Water Soluble

- Meets ASTM B813
- Water soluble for faster flushing from pipe lines
- Super detergent action cleans as it solders
- Contains no zinc chloride

- Use with all lead-free and common soft solders
- For use on copper, brass, galvanized iron, lead, zinc, tin, silver, nickel, mild steel, terne plate and malleable iron



PART NO.	SIZE	CASE QTY.
23154	4 oz.	24
23157	1 lb.	12



# FLUXES & HEAT PROTECTION

## F-A-S-T® 50/50 & 95/5 Premium Grade of Flux & Solder Combination

- Premium grade flux and solder combination
- Combines virgin 50/50 or 95/5 finely powdered solder with LA-CO® Regular Flux Paste
- Non-acid, contains no zinc chloride
- Clean, leaves no black residue to obscure the soldering operation
- 50/50 contains lead; do not use on potable water systems



PART NO.	SIZE	CASE QTY.
50/50		
32007	1 lb.	24
95/5		
32707	1 lb.	12



Made In U.S.A.

## SOLDER BRITE® 50/50 Economical Grade of Flux & Solder Combination



- Economical grade of flux and solder combination
- Combines virgin 50/50 finely powdered solder with LA-CO® Regular Flux Paste
- Non-acid, contains no zinc chloride
- Clean, leaves no black residue to obscure the soldering operation
- 50/50 contains lead; do not use on potable water systems



PART NO.	SIZE	CASE QTY.
32806	1/2 lb.	24



Made In U.S.A.

## ALUMINUM FLUX PASTE Solders Aluminum at Low Temperatures



- Solders aluminum at low temperature
- Use soldering iron or torch with solder to safely solder aluminum below its melting point
- Melt point for solder is 390°F (198°C)
- Works well with tin-silver; 96/4, 94/6, 95/5, 60/40, 40/60 and 50/50 solders
- Meets DOD Std. 1866



PART NO.	SIZE	CASE QTY.
22404	4 oz.	24
22407	1 lb.	24



Made In U.S.A.

## ALUMINUM FLUX PASTE & SOLDER KIT Solders Aluminum Easily



- Complete repair kit, containing solder, for tradesmen and repairmen
- Solders aluminum easily
- For repairing aluminum evaporators and tubing, ducts and gutters
- Also solders aluminum to copper
- Blister carded for impulse sales
- #60 Solder
  - 90/10 mixture of Tin and Zinc
  - Melt point for solder is 390°F (198°C)
  - Low temperature, high tensile strength
  - Resists electrolytic action between aluminum and copper connections



PART NO.	SIZE	CASE QTY.
36474	1 oz. Alum. Flux & 1/2 oz. of #60 Solder	12



Made In U.S.A.

# FLUXES & HEAT PROTECTION

## REGULAR FLUX LIQUID

- Super detergent action cleans as it solders
- Non-acid, non-toxic, lead-free
- Contains no zinc chloride
- Ideal for high-speed production and mechanized soldering equipment

## Non-Acid, Non-Toxic

- Excellent for soldering stained glass projects
- Use with all lead-free and common soft solders
- For use on copper, brass, galvanized iron, lead, zinc, tin, silver, nickel, mild steel, terne plate and malleable iron



PART NO.	SIZE	CASE QTY.
23104	4 oz.	24
23112	1 pt.	24
23113	1 qt.	12
23114	1 gal.	4
23115	5 gal.	1



Made In U.S.A.

## N-3 ALL-PURPOSE FLUX LIQUID For Chrome and Stainless Steel

- For soldering most grades of stainless steel, plus chrome, copper and brass
- Use with all types of soft solders
- Fast fluxing action

- Packaged in break-resistant plastic bottles
- Do not use on stainless steel potable water tubing

- Meets Fed. Spec. Commercial Item Description A-A-51145C, Type 11B



PART NO.	SIZE	CASE QTY.
23512	1 pt.	24
23513	1 qt.	12
23514	1 gal.	4



Made In U.S.A.

## M-A STAINLESS STEEL FLUX LIQUID Ideal for Stainless Steel

- Contains no zinc chloride or other heavy metal chlorides
- Use with all types of soft solders
- No neutralizing necessary on stainless steel
- Will not cause progressive corrosion on stainless steel

- Also may be used on copper, galvanized iron, chrome, steel, lead and brass
- Ideal for stainless gutters and roofs
- Do not use on stainless steel potable water tubing

- Meets Fed. Spec. Commercial Item Description A-A-51145C, Type 11B and ASTM B-32: Type IS



PART NO.	SIZE	CASE QTY.
23904	4 oz.	24
23913	1 qt.	12
23914	1 gal.	4



Made In U.S.A.

# FLUXES & HEAT PROTECTION

## COOL GEL® Heat Barrier Spray



PART NO.	SIZE	CASE QTY.
11513	1 pt.	24
11509	1 qt.	12
11503	5 gal.	1
Dozen Display Box		
11524	2 oz.	48



- Helps prevent heat damage to components and surrounding materials during soldering, brazing and welding
- Protects painted and finished surfaces from discoloration due to adjacent torch operations
- Unique gelled formula sticks to surfaces without dripping or running off
- Clear, non-staining gel leaves no residue, eliminating clean-up
- Safe, non-toxic, harmless to skin and odorless
- Reduces danger of fire to surrounding surfaces such as rubber and plastic seals and gaskets
- Convenient trigger spray



With Cool Gel®



Without Cool Gel®

## BLOC-IT® Heat Absorbing Paste



- Heavy paste effectively absorbs surface heat
- Protects adjoining surfaces that may be damaged by excessive heat
- Safe to use: non-toxic, no asbestos, harmless to skin and odorless
- Easy to use: apply directly to surface from tube
- Easy to clean: wipe off with cloth or wash with water; leaves no stains
- Typical uses: protects rubber and plastic components in ball, dielectric and solenoid valves during soldering; protects painted or finished surfaces from adjacent soldering, brazing or welding; prevents distortion to light gauge metals during brazing or welding



PART NO.	SIZE	CASE QTY.
11511	10 oz.	24



# THREAD SEALANT APPLICATIONS

SERVICE	PRODUCT										
	T-O-T®	PIPETITE® Paste	PIPETITE-Stik®	PLASTO-JOINT STIK®	LEAK-TITE® Blue	Slic-tite® Paste	Slic-tite® Stik	Slic-tite® PTFE Tape	Pipe Thread Tape of PTFE	OXY-TITE® Paste	LA-CO LOC® Anaerobic Paste
WATER	•	•	•	•	•	•	•	•	•		•
NATURAL GAS	•	•	•	•	•	•	•	•	•		•
STEAM	•	•	•	•	•	•	•	•	•		•
AIR	•	•	•	•	•	•	•	•	•		•
BUTANE		•	•		•	•	•	•	•		•
PROPANE		•	•		•	•	•	•	•		•
LP GAS		•	•		•	•	•	•	•		•
GASOLINE		•	•		•	•	•	•	•		•
OILS		•	•			•	•	•	•		•
ACIDS-DILUTED						•	•	•	•		•
ACIDS-CONCEN.								•	•		
ALKALIES-DILUTED				•		•		•	•		•
ALKALIES-CONCEN.								•	•		
REFRIGERANTS		•	•		•	•	•	•	•		•
AMMONIA		•	•		•	•	•	•	•		•
BRINE		•	•	•		•	•	•	•		•
ALCOHOL			•	•		•	•	•	•		•
ALIPHATIC SOLVENTS		•	•			•	•	•	•		•
AROMATIC SOLVENTS		•						•	•		•
PERCHLORO-ETHYLENE		•					•	•	•		
OXYGEN								•	•	•	
DIESEL	•	•	•	•	•	•	•	•	•		•
BIO-DIESEL	•	•	•	•	•	•	•	•	•		•
ETHANOL	•	•	•	•	•	•	•	•	•		•

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- For best results, let dry overnight after assembly

The above information is not a recommendation for sealant use. It is intended only as a guide. It is next to impossible to test sealant reaction with all the chemicals in existence; therefore compatibility has been estimated based on a wide variety of customer experience. We recommend that each prospective user test the product for compatibility on the proposed application before usage.

# THREAD SEALANTS

**LA-CO Makes the Thread Sealant Professionals Depend On.**



Slic-tite® is the compound for your threads. Slic-tite

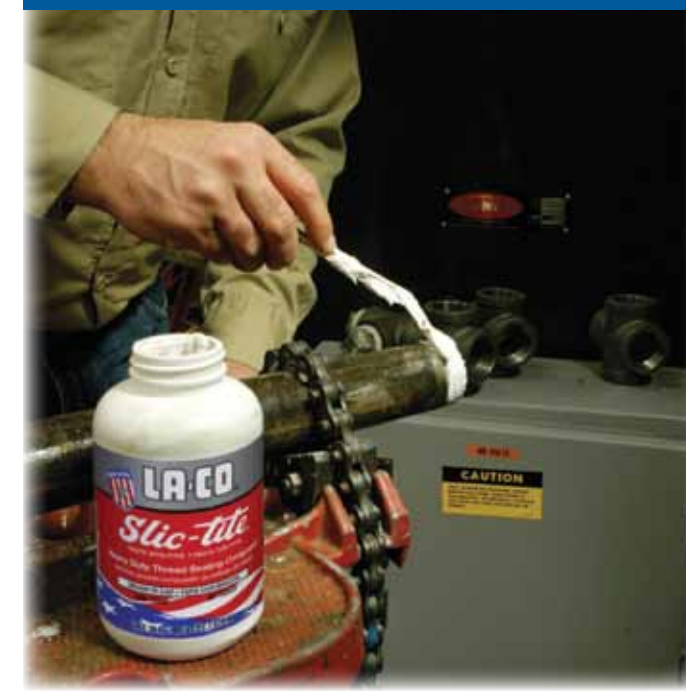
contains PTFE which aids in leak prevention, even with pipe imperfections. As the industry leader, Slic-tite is non-toxic, washes off hands and clothing easily, and is environmentally safe. For an anaerobic pipe thread sealant, use LA-CO LOC®. It contains PTFE for a positive seal, contains no solvents, and will not shrink or weaken the seal. LA-CO LOC is ideal for use on threads in heavy vibration areas such as compressors and reciprocating equipment.

**LA-CO also carries a variety of other pipe thread sealants, as well as high-density Slic-tite PTFE thread tape and low-density, contractor-grade PTFE tape.**



# THREAD SEALANTS

## Slic-tite® PASTE WITH PTFE



## Premium Thread Sealant

- Contains PTFE for greater sealing power
- Use on metal, PVC, CPVC and ABS plastic pipe threads
- For sealing water, air, steam, natural gas, LP gas, refrigerants, ammonia, gasoline, ethanol and oil
- Washes off hands and clothing easily
- Non-toxic, non-drying
- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: -50°F to 500°F (-46°C to 260°C)
- Pressures: 3,000 PSI (204 BAR) for gas, 10,000 PSI (680 BAR) for liquid
- USDA approved for use in federally inspected meat and poultry plants
- **New** – Noveon approved to be chemically compatible with Flowguard Gold®/Blazemaster® CPVC system
- No V.O.C.'s



PART NO.	SIZE	CASE QTY.
41209	1/4 pt. BIC	12
42009	1/4 pt. BIC	24
41219	1/2 pt. BIC	12
42019	1/2 pt. BIC	24
42012	1 pt.	24
42029	1 pt. BIC	24
42013	1 qt.	12
42049	1 qt. BIC	12
42014	1 gal.	4
42015	5 gal.	1
42069	55 gal.	1
Dozen Display Pack Tubes		
42002	1-1/2 oz.	24

BIC = Brush in Cap



Made in U.S.A.

## LA-CO LOC®

## Anaerobic Pipe Thread Sealant



- Contains PTFE for a positive seal
- Anaerobic adhesive provides locking power
- Contains no solvents, won't shrink and weaken seal
- Seals and locks in the absence of air
- Ideal for threads in heavy vibration areas such as compressors and reciprocating equipment
- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: -65°F to 400°F (-54°C to 204°C)
- Pressures: to 3,000 PSI (204 BAR) for gas, to 10,000 PSI (680 BAR) for liquid



PART NO.	SIZE	CASE QTY.
49050	50 ml. Tube (1.69 fl. oz.)	12
49250	250 ml. Tube (8.45 fl. oz.)	6

Made in U.S.A.

# THREAD SEALANTS

## LEAK-TITE® BLUE

### Economical Thread Sealant with PTFE



- Contains PTFE particles for greater sealing power
- Will not harden or dry out over time; remains flexible for easy disassembly
- Non-toxic, contains no solvents
- Sticks to hot, oily threads
- Ideal for use on production lines and fabrication shops
- Easy clean-up, will not stain hands or clothing
- For use on metal and PVC plastic pipe threads
- For sealing water, air, steam, natural gas, refrigerants, gasoline and ammonia
- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: -50°F to 500°F (-45°C to 260°C)
- Pressures: to 1,500 PSI (102 BAR) for gas, to 5,000 PSI (340 BAR) for liquid
- No V.O.C.'s



PART NO.	SIZE	CASE QTY.
46009	1/4 pt. BIC	24
46029	1 pt. BIC	24
46013	1 qt.	12
46049	1 qt. BIC	12
46069	55 gal.	1

BIC = Brush in Cap



## PIPETITE® PASTE

### Soft Set Pipe Thread Compound

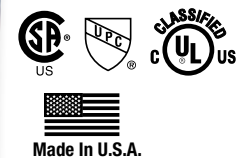


- Soft set pipe thread compound
- For refrigerants, butane, gasoline, oil, as well as water, steam, air, natural gas and LP gas
- Use on metal threads
- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: up to 400°F (204°C)
- Pressures: to 2,600 PSI (177 BAR) for gas, to 5,000 PSI (340 BAR) for liquid
- No V.O.C.'s



PART NO.	SIZE	CASE QTY.
12109	1/4 pt. BIC	24
12110	1/2 pt. BIC	24
12112	1 pt. BIC	24

BIC = Brush in Cap



## T-O-T®

### Pipe Thread Compound



- No-drip, siliconized for fast application on metal threads
- For water, steam, air and natural gas service
- Lead-free, non-toxic
- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: up to 350°F (177°C)
- Pressures: to 350 PSI (24 BAR) for gas, to 500 PSI (34 BAR) for liquid
- No V.O.C.'s



PART NO.	SIZE	CASE QTY.
12219	1/2 pt. BIC	24
12208	5 lb.	6

BIC = Brush in Cap



# THREAD SEALANTS

## OXY-TITE®

### Pipe Thread Sealant for Oxygen

- PTFE thread sealant for oxygen services
- Each batch tested to ASTM G-72
- Pressure: to 2,600 PSI (180 BAR)

- Sealing temperature: -320°F to 450°F (-196°C to 232°C)
- No V.O.C.'s



PART NO.	SIZE	CASE QTY.
42805	4 oz.	6



## PIPETITE-STIK®

### Soft Set Pipe Thread Compound



- Certified by NSF to meet ANSI/NSF Std. 61 for use on potable water
- Thread compound in handy stick form
- For water, steam, air, natural gas and LP gas
- Use on metal threads
- Classified by Underwriters Laboratories, U.S.A
- Non-toxic, lead-free

- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: up to 350°F (177°C)
- Pressures: to 350 PSI (24 BAR) for gas, to 2,000 PSI (136 BAR) for liquid



PART NO.	SIZE	CASE QTY.
Standard Size		
11175	1-1/4 oz.	144
King Size Dozen Display Box		
11176	4 oz.	72



## PLASTO-JOINT STIK®

### Plastic Thread Sealant

- Pipe thread compound in handy stick form
- For use on ABS, PVC, and CPVC plastic pipe and fittings and on metal threads

- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: up to 250°F (121°C)

- Pressures: to 300 PSI (20 BAR) for gas, to 500 PSI (34 BAR) for liquid
- Ideal for pool and spa installation



PART NO.	SIZE	CASE QTY.
Dozen Display Pack		
11775	1-1/4 oz.	144
13675	1-1/4 oz.	36



## Slic-tite® STIK WITH PTFE

### Thread Sealant in a Stick



- High-performance thread compound in handy stick form
- Contains PTFE particles for greater sealing power
- Non-toxic, non-staining, non-drying
- Designed for professional servicemen and tradesmen
- Clean – white-washes off easily
- Use on metal and PVC pipe thread connections for water, air, natural gas, steam, gasoline, oil, refrigerants and ammonia

- Do not use on oxygen service; use Slic-tite® PTFE thread tape or OXY-TITE® paste
- Sealing temperature: -50°F to 350°F (-46°C to 177°C)
- Pressures: to 500 PSI (34 BAR) for gas, to 5,000 PSI (340 BAR) for liquid



PART NO.	SIZE	CASE QTY.
Dozen Display Pack		
41600	1-1/4 oz.	24



# THREAD SEALANTS

## CORD OF PTFE

### For Packing and Gaskets



- Use as packing for faucets, valves, pumps, etc.; also as gasket between flanges
- Product packaged in a unique Visu-Kit that keeps cord clean and ready for use; the durable kit can be mounted over the workbench or carried in a toolbox
- Sealing temperature: -450°F to 500°F (-268°C to 260°C)



PART NO.	SIZE	CASE QTY.
Carded - 1 per card		
45089	3/32" x 25'	6
45090	3/32" x 50'	6
45091	5/32" x 20'	6
45092	7/32" x 10'	6
Bulk Packed		
45097	9/32" x 9'	6



## Slic-tite® PTFE THREAD TAPE

### Premium Grade, High Density



- Thickness 4 mils
- Premium grade, high density
- Provides a highly resistant seal on pipe threads for all types of service
- Suitable for use with solvents, chemicals, oxygen and on food lines
- Non-toxic
- Permits easy disassembly, even after many years of service
- Meets Mil. Spec. T-27730A
- Sealing temperature: -450°F to 550°F (-268°C to 288°C)
- Pressure: to 2,000 PSI (136 BAR)



PART NO.	SIZE	CASE QTY.
Dozen Display Box		
44080	1/4" x 300"	12
44081	1/4" x 600"	12
44082	1/2" x 300"	12
44083	1/2" x 600"	12
44084	1/2" x 1200"	12
44101	1/2" x 600"	144
44085	3/4" x 300"	12
44086	3/4" x 600"	12
44087	1" x 300"	12
44088	1" x 600"	12
44094	1/2" x 260" YEL	12
44095	1/2" x 260" PINK	12
Carded - 1 per card		
44003	1/2" x 600"	12

## PIPE THREAD TAPE OF PTFE

### Contractor Grade



- Thickness 3 mils
- Contractor grade, low density
- Provides a highly resistant seal on pipe threads for all types of service
- Suitable for use with solvents, chemicals, oxygen and on food lines
- Non-toxic
- Permits easy disassembly, even after years of service
- Meets Mil. Spec. T-27730A
- Sealing temperature: -450°F to 550°F (-268°C to 288°C)
- Pressure: to 2,000 PSI (136 BAR)
- Sold in case quantities only
- Suitable for use on stainless steel



PART NO.	SIZE	CASE QTY.
44070	1/4" x 520"	144
44071	1/2" x 260"	144
44072	1/2" x 520"	144
47272	1/2" x 520"	72
44073	1/2" x 1296"	144
44074	3/4" x 260"	144
44075	3/4" x 520"	144
44076	3/4" x 1296"	144
44077	1" x 260"	144
44078	1" x 520"	144
44079	1" x 1296"	144

# ABC TOOLS



## A New Line Of Products

Since 1942 millions of industry professionals have trusted LA-CO® to help join piping systems together. With the new ABC Tools — a line of pro-grade Abrasives, Brushes, and Cutting tools — LA-CO is flexing its expertise and helping professionals join piping systems more than we ever have before.

### ABRASIVE CLOTH

- Open mesh for all projects
- Premium Grade
- Waterproof
- 180 Grit

### Open Mesh

PART NO.	SIZE	CASE QTY.
79720	5 yards	24
79721	10 yards	24



### SAND CLOTH

- Closed cloth for a quality finish
- Water resistant
- Aluminum oxide coating
- 120 Grit

### Closed Cloth

PART NO.	SIZE	CASE QTY.
79722	5 yards	24
79723	10 yards	24





# ABC TOOLS

## 4-in-1-Brush

## Plumbing Brush

PART NO.	COLOR	CASE QTY.
79726	Red	12

- 4 different brushes in one hand held tool
- Cleans and prepares joints for solder
- 1/2" and 3/4" fitting brushes
- 5/8" and 7/8" OD tube cleaning brushes



## PVC CABLE SAW

## Plastic Pipe Saw

PART NO.	SIZE	CASE QTY.
79724	27"	48

- Cut PVC in tight places
- Cut through PVC Faster and easier
- Durable stainless steel cable



## TUBE CUTTER

## Plumbing Cutting Tool

PART NO.	COLOR	CASE QTY.
79727	Black/Silver	24

- For cutting copper and PVC
- 1/8" to 1-1/8" OD capacity



## ELEMENT WRENCH

## Specialty Wrench

PART NO.	COLOR	CASE QTY.
79725	Silver	24

- Install/remove water heater elements
- Reaches many offsets that an adjustable wrench cannot reach
- Fits sizes 1-1/2" to 1-7/8"
- For added torque, stick a long screw-driver through holes in wrench



# LEAK DETECTORS & REPAIR SEALANTS

## Find It, Repair It, Seal It Fast.

Want a fast way to check your seals for leaks? Use LA-CO® leak detectors like ALERT®, VISU-GLOW® and sure-chek®. All three are safe for oxygen and are non-toxic and non-corrosive. Once you find a leak, you can fix it fast with the EPOXY-STIK® repair compound. It hardens in 5-10 minutes and can be applied under water. For a fast fix without messy premixing or measuring, the HEAT-SEAL-STIK® is ideal for use on aluminum, copper and other metals. The HEAT-SEAL-STIK melts, seals and cures in one operation. It is also great for use on the high and low side of refrigeration.



## sure-chek®

## All-Temperature Leak Detector

PART NO.	SIZE	CASE QTY.
32850	1 pt.	24
32851	1 qt.	12
32852	1 gal.	4



- All-temperature formula: -55°F to 200°F (-48°C to 93°C)
- Ultra-sensitive; long-lasting bubbles
- For use on CSST systems
- Available in handy spray bottle
- Fluorescent for improved visibility
- Safe for oxygen
- Non-corrosive, non-toxic



## VISU-GLOW®

## High-Visibility Leak Detector

PART NO.	SIZE	CASE QTY.
32898	8fl.oz.w/dauber	24
32894	1 gal.	4



- High-visibility fluorescent color shows brightly, even in dimly lit places
- High viscosity allows use on vertical surfaces
- For use on CSST systems
- Safe for oxygen
- Non-corrosive, non-toxic
- Temperature range: 15°F to 200°F (-9°C to 93°C)



## ALERT®

## Economical Leak Detector

PART NO.	SIZE	CASE QTY.
32844	8 oz.	24



- High-visibility fluorescent color shows brightly, even in dimly lit places
- High viscosity allows use on vertical surfaces
- For use on CSST systems
- Safe for oxygen
- Non-corrosive, non-toxic
- Temperature range: 15°F to 200°F (-9°C to 93°C)



# LEAK DETECTORS & REPAIR SEALANTS

LEAK DETECTORS & REPAIR SEALANTS

## HEAT-SEAL STIK®

### Premixed Epoxy Sealer



- Fast, repairs completed in 90 seconds
- Works on R-410A type systems
- One part epoxy, no mixing or measuring needed
- Stick melts, seals and cures in one operation
- Use on aluminum, copper and other metals, glass and ceramics
- Ideal for use on high and low side of refrigeration systems
- Sealing temperature: up to 350°F (177°C)
- Pressures: to 600 PSI (41 BAR)



PART NO.	SIZE	CASE QTY.
Dozen Display Box		
11575	3/8 oz.	12
Carded - 1 per card		
11577	3/8 oz.	12



## EPOXY-STIK®

### Epoxy Repair Compound



- Cures rock-hard with no shrinkage
- Safe on potable water systems
- Withstands temperatures up to 250°F (121°C)
- Hardens in 5-10 minutes, full cure in 24 hours
- Can be applied under water
- After 1 hour can be drilled, tapped, filed, sawed, sanded and painted



PART NO.	SIZE	CASE QTY.
Dozen Display Pack		
19571	4 oz.	24



## EPOXY TABS™ TYPE "O"

### Quick & Easy Oil and Gas Leak Repair

- Repairs active leaks without draining first
- Inactivated tabs, which are easily kneaded together
- Use for up to an hour after mixing

- Adhesion is developed when tabs are wet with oil or gasoline
- Recommended for equipment which needs to be back in service within minutes

- Applications include: aircraft fuel tanks, oil tanks, gasoline tanks, transmission and transfer cases.



PART NO.	SIZE	CASE QTY.
Carded		
19570		30



## Oyltite Stik®

### Seals Oil Leaks

- Temporary repair of oil and gasoline leaks
- Stops oil and gasoline leaks without draining
- Applies from the outside

- Use on gasoline tanks, fuel oil tanks, transmissions and oil-filled transformers, plus much more
- U.S. Fed. Stock No. 8030-935-5841

- Pressures: to 15 PSI (1 BAR)



PART NO.	SIZE	CASE QTY.
11475	1-1/4 oz.	24
Carded - 1 per card		
11476	1-1/4 oz.	12



## KRAK-STIK®

### Seals Water Leaks

- Stops water leaks on tanks or containers without draining
- Applies from the outside

- Use on soil pipe, drains, traps, downspouts, gutters, laundry tubs; also cracks on asphalt driveways

- Pressures: to 3 PSI (0.2 BAR)



PART NO.	SIZE	CASE QTY.
11375	2-1/2 oz.	48



# GENERAL PLUMBING ACCESSORIES

All the Necessities



Stock up on your favorite items including duct tape, Lifter® hand cleaner and Lifter® wipes. Save time and money by getting all your everyday products like quality-grade caulk, plumber's putty and wax bowl rings right from the same company you buy trusted products like Slic-tite® and Regular Soldering Flux. Find it all at LA-CO.



## Lifter® HAND CLEANER



- Greaseless, waterless hand cleaner
- Powerful, yet gentle, for removing grime, paint, grease, ink and oil
- Contains pumice for deep scrubbing action
- Fresh lemon scent
- Contains no petroleum distillates to dry out skin

## Waterless Hand Cleaner

- Removes difficult animal and chemical odors from hands
- Contains lanolin to soften and condition skin



PART NO.	SIZE	CASE QTY.
72412	1 pt.	24



## Lifter® WIPES



- Tear-resistant, non-woven towels for heavy cleaning
- No rinsing, no drying, no residue
- Smooth side for gentle cleaning, rough side for hard-to-clean areas
- Also removes heavy grease, oils, tar, asphalt, inks, wax, lubricants, adhesives and many other hard-to-remove materials

## Convenient Wipes

- Fresh citrus scent



PART NO.	DESCRIPTION	CASE QTY.
72405	70/bucket	6
72405T	Tower	20



# GENERAL PLUMBING ACCESSORIES

## DUCT TAPE



### All-Purpose Tape

- Individually shrink-wrapped for longer shelf life
- Silver-gray color blends well with duct work
- Quality construction resists break-down from heat and moisture
- Cotton blend cloth backing for better laminating strength
- Tears straight, edges do not curl



PART NO.	SIZE	CASE QTY.
44099	2" x 60 yds.	24

Made In U.S.A.

## PLUMBSET® PUTTY

### Professional Plumbers' Putty

- Non-drying to resist crackout and seepage
- Adhesive and elastic, won't sag
- Non-staining

- Packaged in plastic containers
- DO NOT USE ON MARBLE OR PLASTIC
- Meets Fed. Spec. TT-P-1536A



PART NO.	SIZE	CASE QTY.
19507	14 oz.	24
19509	3 lbs.	6
19508	5 lbs.	6

Made In U.S.A.

## PLUMBSET® WAX BOWL RING

### Contractor Grade

- Quick, easy to install
- Forms a gas-tight, odor-tight, water-tight seal

- Will not harden or deteriorate
- Adjusts to contraction, expansion and settling of floors

- Leaves no unsightly oil stains
- Meets Federal Spec. TT-P-1536A



PART NO.	CASE QTY.
59010	48

Made In U.S.A.

## PLUMBSET® WAX BOWL RING

### With Polyethylene Flange

- Fits 3" & 4" waste lines, extends short horn bowls
- Forms gas-tight, odor-tight, water-tight seal

- Quick, easy to install
- Eliminates capillary action
- Provides positive bowl alignment

- Will not harden or deteriorate
- Meets Federal Spec. TT-P-1536A



PART NO.	CASE QTY.
59011	24

Made In U.S.A.

## ACRYLIC TUB & TILE CAULK

### 100% Latex Acrylic with Silicone



- High performance 100% latex acrylic caulk with silicone for extra adhesion
- Resists mold and mildew
- Offers excellent adhesion to most building materials
- Soap and water clean-up
- Paintable after one hour
- Will not crack or yellow



PART NO.	SIZE	CASE QTY.
Tubes		
59006	6 oz. White	12

Made In U.S.A.

# ANTI-SEIZE COMPOUNDS, LUBRICANTS & PENETRANTS

## Lubricants and Penetrants for the Tough Jobs.



LA-CO has a complete line of oils, lubricants and anti-seize products for the tough applications. PIERCE™ removes asphalt, tar, grease and dirt from metal surfaces and works to get down under rust to displace moisture and improve equipment longevity. LUBRI-JOINT® is a non-petroleum, water dispersible lubricant, ideal for gaskets. Rust Buster® works fast in a special telescoping applicator that makes sure to hit the spot the first time. Having the right tool for the job makes all the difference. Save yourself time and money by getting all your products from LA-CO.

# ANTI-SEIZE COMPOUNDS, LUBRICANTS & PENETRANTS

## LUBRI-JOINT®

### Water Dispersible Gasket Lubricant

- Ideal for lubricating rubber gaskets, promoting proper expansion and ensuring correct fit
- Suitable for all types of pipelines, including PVC and soil pipe

- Non-bacterial, non-petroleum, no objectionable odor
- Can be applied to wet or dry surfaces
- Will not deteriorate natural or synthetic rubber, plastic gasket or cast iron pipe

- **New** – Noveon approved to be chemically compatible with Flowguard Gold®/Blazemaster® CPVC system



PART NO.	SIZE	CASE QTY.
78713	1 qt.	12



## PREMIUM THREAD CUTTING OIL

### Dark Cutting Oil



- Two cutting oils in one
- For hand tools and high-speed thread cutting machines
- Combines the best properties of dark and light cutting oils with sulfur and other additives to provide superior heat protection for costly cutting dies

- Use on steel, brass, copper, black iron, wrought iron and galvanized iron



PART NO.	SIZE	CASE QTY.
73413	1 qt.	12
73414	1 gal.	6
73469	55 gal.	1



## ZOOM SPOUT® OILER

### Lubricating Oil for General Applications



- Premium-grade, all-purpose, turbine-grade lubricating oil for general applications
- Use on rotating and reciprocating equipment, bearings, motors and slides

- Flexible telescoping-spout extends 7" for difficult-to-reach areas



PART NO.	SIZE	CASE QTY.
Dozen Display Box		
79704	4 fl. oz.	24



## PIERCE™

### Rust Remover, Penetrant and Lubricant



- Drives under rust and penetrates into the tightest crevices to protect against rust and corrosion
- Removes asphalt, tar, grease, dirt from metal surfaces
- Colorless, moisture-repellent film guards against continuing rust and corrosion

- Use on all equipment, tools, chainsaws, cables, ignition systems, threaded parts, and any rotating or sliding metal surfaces
- Lubricates and eliminates squeaks
- Displaces moisture



PART NO.	SIZE	CASE QTY.
79711	12 oz.	24



## RUST BUSTER®

### Rust Penetrant



- Goes to work instantly, every time
- Packaged in a handy, telescoping-spout applicator
- Quickly loosens rusted bolts, screws, shafts, piping, all types of "frozen" connections and assemblies
- Contains no acids, alkali or other harmful ingredients

- Safe for skin, clothes, metals and friction-type surfaces
- The penetrant used by professional mechanics in industry and the military
- Flexible telescoping-spout extends 7" for difficult-to-reach areas



PART NO.	SIZE	CASE QTY.
Dozen Display Box		
79706	4 fl. oz.	24



# ANTI-SEIZE COMPOUNDS, LUBRICANTS & PENETRANTS

## EZ BREAK® ANTI-SEIZE COMPOUND

### Copper Grade



- Copper-based anti-seize and lubricating compound
- Resists rust and corrosion
- Makes disassembly easy, even after years of service
- Recommended for coating nuts, bolts, valves, flanges, splines for easy break-out after years of service
- Meets Mil. Spec. Mil-A-907E
- Authorized by USDA for use in federally inspected meat and poultry plants

- Working temperature: to 1800°F (982°C)



PART NO.	SIZE	CASE QTY.
08924	4 oz. BIC	24
08910	10 oz. BIC	24
08916	14 oz. Aerosol	12
08907	16 oz. BIC	24
08925	8 lbs.	4
08950	42 lbs.	1
08969	425 lbs.	1

BIC = Brush in Cap



## EZ BREAK® ANTI-SEIZE COMPOUND

### Nickel Grade



- Contains fine particles of nickel and other additives
- Contains no copper
- Resists rust and corrosion
- Makes disassembly easy, even after years of service
- Helps prevent galling of stainless steel threads

- Working Temperature: to 2600°F (1427°C)



PART NO.	SIZE	CASE QTY.
08971	8 oz. BIC	24
08972	16 oz. BIC	24
08978	42 lbs.	1

BIC = Brush in Cap



## EZ BREAK® ANTI-SEIZE COMPOUND

### In Stick Form



- User friendly application technology
- No mess. No drips. No spills.
- Easy to use; twist and apply
- Copper-based anti-seize and lubricating compound
- Protects against galling, seizing and corrosion

- Non-setting, non-toxic, lead-free
- Meets Mil. Spec. Mil-A-907E
- Working Temperature: to 1800°F (982°C)



PART NO.	SIZE	CASE QTY.
Dozen Display Box		
08930	2-1/4 oz.	24



# MARKING PRODUCTS



The Leader in High Performance Industrial Markers.



LA-CO® manufactures under the Markal® brand a wide range of marking products for sheet metal, plastics, wood and drywall to meet the needs of industry today. The products shown represent only a few of the broadest, most comprehensive marker product line in the world.

## Valve Action® PAINT MARKER

### Marks With Real Paint

- 5 bold fluorescent colors! Yellow, Green, Orange, Pink and Invisible UV
- Xylene-free paint formula eliminates concern about California Proposition 65, EPA HAPS or SARA 313 compliance
- Faster drying paint reduces smears and removed marks while allowing almost immediate handling of marked item
- Low chlorides/low halogens paint formula. Now all colors are low in chlorides and halogenated compounds, eliminating the need for a separate marker for the stainless steel fabrication and nuclear power industries
- Dura-Nib medium bullet tip allows writing on rougher surfaces than conventional nibs and holds up better in tough applications
- 19 colors satisfies any industrial application or quality control identification need
- Excellent all surface marking with durable, fade resistant, high visibility marks
- Temperature range: -50°F to 150°F (-46°C to 66°C)
- Made in the U.S.A.

PART NO.	COLOR	CASE QTY.	PART NO.	COLOR	CASE QTY.
<b>Tip Size 1/8"</b>					
Bulk			97050	Fluor. Yellow	48
96809	Brown	48	97051	Fluor. Green	48
96817	Purple	48	97052	Fluor. Orange	48
96820	White	48	97053	Fluor. Pink	48
96821	Yellow	48	97054	Invisible UV	48
96822	Red	48	<b>Carded   Per Card</b>		
96823	Black	48	96800	White	24
96824	Orange	48	96801	Yellow	24
96825	Blue	48	96802	Red	24
96826	Green	48	96803	Black	24
96827	Gold	48	96804	Aluminum	24
96828	Light Green	48	96805	Blue	24
96830	Pink	48	96806	Green	24
96832	Aluminum	48	96807	Orange	24
96835	Light Blue	48	<b>Tips</b>		
			96867	Replacement Tips	144



## MERCHADISERS



For more information on all of our merchandisers, contact customer service at 800.621.4025

# MARKING PRODUCTS

## PRO-LINE® HP PAINT MARKER

### High Performance Paint

- Unsurpassed writing capability on oily, soapy and wet surfaces
- Excellent on most types of metals, coatings, plastics, glass, ceramics and other non-porous surfaces
- Xylene-free paint does not contain any chemicals listed in California Proposition 65, the EPA HAPS list or SARA 313, minimizing employee health, environmental and waste disposal concerns
- Low in halogenated compounds and sulfur allows use in many stainless steel, nuclear and other corrosion-sensitive applications.
- Leaves permanent, highly visible marks that dry quickly and resist wearing and fading
- Marking temperature range: -50°F to 150°F (-46°C to 66°C)



PART NO.	COLOR	CASE QTY.	PART NO.	COLOR	CASE QTY.
<b>Tip Size 1/8"</b>					
Bulk			96972	Gold	48
96960	White	48	96973	Pink	48
96961	Yellow	48	96974	Purple	48
96962	Red	48	96975	Brown	48
96963	Black	48	<b>Carded   Per Card</b>		
96964	Orange	48	96956	White	24
96965	Blue	48	96957	Yellow	24
96966	Green	48	96958	Black	24
96967	Silver	48	96959	Red	24
96970	Light Green	48	<b>Tips</b>		
96971	Light Blue	48	96908	Replacement Tips	144



## B® PAINTSTIK®

### Marks On Any Material or Surface

- Real lead-free paint in stick form; combines long-lasting durability of paint with the ease-of-use of a crayon
- Weather-resistant, UV-resistant
- Ideal for layout, color coding, fabrication and identification
- Marks through oil and water
- Marks on smooth, rough, rusty or dirty surfaces
- For use on metal, wood, plastic, concrete, rubber, glass, cardboard and paper
- Available in 3 sizes—standard 1 1/16", fine 3/8" and bold 1"
- Lead-free, non-toxic
- Marking range: -50°F to 150°F (-46°C to 66°C)



PART NO.	COLOR	CASE QTY.	PART NO.	COLOR	CASE QTY.
<b>Standard Size 1 1/16" x 4-3/4"</b>					
80220	White	144	80230	Gray	144
80221	Yellow	144	80231	Gold	144
80222	Red	144	80232	Aluminum	144
80223	Black	144	82821	Fluor. Yellow	144
80224	Orange	144	84810	White	48
80225	Blue	144	84811	Yellow	48
80226	Green	144	84812	Red	48
80227	Pink	144	84813	Black	48
80228	Purple	144	84814	Orange	48
80229	Brown	144	84815	Blue	48



## SILVER-STREAK® & RED-RITER® Welders Pencils



- Highly visible marks illuminate when cutting or welding.
- Economical, high-strength pencil is ideal for marking all types of metal surfaces – even oily, rusty or wet surfaces.
- Perfect for metal layout and fabrication work.
- Marks resistant to torch flames; will not rub off or burn off like soapstone.
- Durable marks will not scratch or abrade metal surfaces.
- Hexagonal shape reduces barrel roll unlike competitive brands.
- Pencils are pre-sharpened. Sharpen with any standard pencil sharpener.
- Made in the U.S.A.



PART NO.	COLOR	CASE QTY.
<b>Size: 1/2" x 4-5/8"</b>		
96101	Silver	72
96100	Red	72
<b>Carded</b>		
96102	Silver	24
3 Pencils per card		

# MARKING PRODUCTS

## DURA-INK® 20 NEW!



- One-handed, push button operation eliminates lost caps and prevents ink dryout.
- Fast-drying, wear and water-resistant formula for long-lasting mark.
- Industrial-grade fine bullet tip will not spread or mush.

### Retractable Ink Marker

- Auto-storing clip instantly retracts tip to reduce mess or tip damage.
- Xylene-free formula for safe use.
- Ideal for use on metal, cardboard, pipes and tubes, plastic, paper, glass, and lumber/timber.



PART NO.	COLOR	CASE QTY.
Mark Size: 1/8"		
96575	Black	24
96576	Red	24



**NEW!**

## PRESSMARKER®



- Designed to provide long-lasting, highly visible marks especially for use on press-fit plumbing connections
- Fine bullet tip provides consistent marking
- Fast drying, industrial grade, permanent ink won't smear and will remain highly visible even on hot or cold pipes.

- Water-resistant ink, marks will not fade or wear on most surfaces
- Low chloride/low halogen formula will mark and is safe for use on almost any surface and will not corrode plastics, copper, or stainless steel.
- Temperature range: 0°F to 100°F (-18°C to 38°C)

### Fine Tip



PART NO.	COLOR	CASE QTY.
Mark Size: 1/16"		
Carded 3 Per Card		
96143	Black	36



## DURA-INK® 15



- Ideal for fine line marking
- Extra-tough tip won't spread or mush
- Smear-resistant, water-resistant, fast-drying
- Marks on metal, wood, cardboard, paper, plastic, glass, etc.

- For identification of parts, layout work, and marking cartons and crates
- Durable plastic barrel and cap with pocket clip

### Fine Tip



PART NO.	COLOR	CASE QTY.
Mark Size: 1/16"		
96022	Red	72
96023	Black	72
96025	Blue	72
96026	Green	72



# MARKING PRODUCTS

## DURA-INK® 25



- Heavy-duty metal barrel with pocket clip on cap
- Chisel tip makes fine lines or broad marks
- Extra-large ink supply for greater mileage

### Medium Chisel Tip

- Use on cardboard, wood, metal, paper, ceramics, glass and leather
- For identification of equipment, marking shipping cartons, making signs, etc.



PART NO.	COLOR	CASE QTY.
Mark Size: Thin Side 1/8" Thick Side 1/4"		
96222	Red	48
96223	Black	48



## DURA-INK® 55



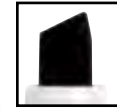
- Ergonomic design for extended use
- Versatile tapered chisel tip for 1/16" and 3/16" marks
- Long mileage, economical
- Ink formulated for industrial-strength usage
- Smear-resistant, water-resistant, fast drying

### Medium Tapered Chisel Tip

- Durable plastic barrel & cap with pocket clip
- Use on cardboard, ceramics, glass, cloth, lumber, paper, rubber and steel



PART NO.	COLOR	CASE QTY.
Mark Size: Thin Side 1/16" Thick Side 3/16"		
96528	Red	48
96529	Black	48
96530	Blue	48
96531	Green	48



## DURA-INK® 60



- Ergonomic design for extended use
- Long mileage, economical
- Ink formulated for industrial-strength usage
- Smear-resistant, water-resistant, fast drying

### Medium Bullet Tip

- Durable plastic barrel & cap with pocket clip
- Use on cardboard, ceramics, glass, cloth, lumber, paper, rubber and steel



PART NO.	COLOR	CASE QTY.
Mark Size: 1/8"		
96535	Red	48
96536	Black	48
96537	Blue	48
96538	Green	48



# OTHER LA-CO PRODUCT CATALOGS



## MARKING PRODUCTS CATALOG

Markal® features a complete line of high performance marking products designed to meet the most difficult marking applications. From the original B® Paintstik®, we offer permanent and temporary marking products including solid and liquid paint markers, felt-tip markers and temperature indicators.

[markal.com](http://markal.com)



## LIVESTOCK MARKING CATALOG

The ALL-WEATHER® brand of livestock marking products includes solid paint in stick form, aerosol spray paints, liquid spray dyes and ear tag markers for all livestock marking applications.

[allweathermarker.com](http://allweathermarker.com)

### Call, write or email for additional information

LA-CO Industries, Inc., 1201 Pratt Boulevard  
Elk Grove Village, Illinois 60007-5746  
1-800-621-4025 • 1-847-956-7600 • Fax: 1-800-448-5436  
Email: [customer\\_service@laco.com](mailto:customer_service@laco.com)  
Family owned and operated since 1934

[laco.com](http://laco.com)