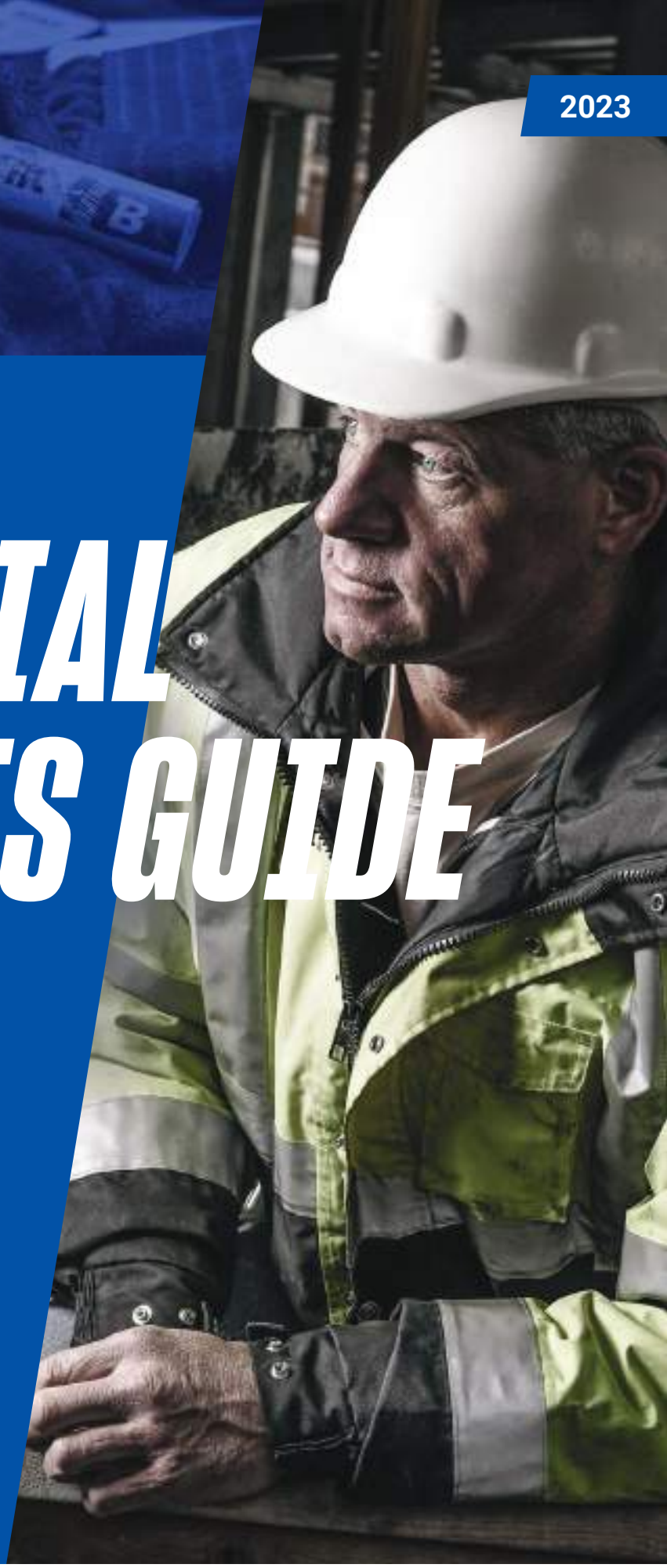
2023



INDUSTRIAL PRODUCTS GUIDE



LA-CO®

Tempil®

MARKAL®

ICONS LEGEND



LA-CO Industries creates specialized products that are right for the application. From general marking tools to markers made especially for the unique needs of your job, and from temperature indicators to industrial coatings and chemicals, you'll find the products that will always perform to your professional standards.

MARKAL®

No other marker manufacturer has the quality, the precision, and the range of products for professionals and general industry as Markal. Made in the USA, and manufactured to deliver outstanding results, Markal is the industry's marking standard.

TEMPIL®

From Tempilstik® to Bloxide®, Tempil is known worldwide as the performance leader in temperature indicating, monitoring, and coatings. Professionals depend on Tempil's precision and technical capabilities, making each Tempil product exactly right for the application.

LA-CO®

Providing quality products for the plumbing, pipefitting, HVAC, and maintenance operations professional, LA-CO is a global leader in chemicals for a wide range of applications and solutions.

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MARKAL®

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Tempil®

- Temperature Indicating Products
- Electronics
- Specialty Coatings
- Temperature Indicating Labels

LA-CO®

- Lubricants
- Leak Detectors
- Fluxes
- Heat Barriers
- Repair Sealants
- Pipe Thread Sealants

LIQUID PAINT MARKERS

For over 89 years, Markal® has been the trusted leader in industrial marking solutions because of our commitment to developing new and innovative products for use in some of the world's toughest environments. Ideal for use in the automotive industry, construction, welding, and metal production and fabrication, liquid paint markers are one of the most versatile and relied upon industrial marking tools across the world. These permanent and temporary liquid paint markers offer real paint in multiple tip sizes and colors, including a range of certified colors for nuclear and other corrosion-resistant applications.

MARKAL®




PAINT-RITER
WATER
MARKAL

Paint-Riter® Valve Action

For general marking

- Fast-drying, permanent paint for immediate handling reduces work downtime
- Dura-Nib medium bullet tip resists wear to provide long marking life
- Durable metal barrel and clip-cap reduce breakage and store easily in pocket



3mm | 30s | -50°F TO 150°F | *

Case Quantity: 48

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
96809	Brown*	96821	Yellow*	96824	Orange*	96827	Gold*	96832	Aluminum*	97051	Fluor. Green †
96817	Purple* †	96822	Red*	96825	Blue*	96828	Light Green*	96835	Light Blue* †	97052	Fluor. Orange †
96820	White*	96823	Black*	96826	Green*	96830	Pink*	97050	Fluor. Yellow †	97053	Fluor. Pink†

Paint-Riter® Water Based

Bold marking where VOC issues are a concern

- Fast-drying, permanent paint for immediate handling reduces work downtime
- Low odor makes it great for indoor use and climate controlled facilities
- Low VOC provides a safer marking tool
- Nine vibrant colors with excellent opacity



3mm | 90s | 40 TO 150°F | *

Case Quantity: 48

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97400	White*	97403	Black*	97406	Green
97401	Yellow*	97404	Orange	97407	Purple
97402	Red*	97405	Blue*	97410	Pink

Paint-Riter® Window Marker

Create bright marks that are easily removed

- Removable on any non-porous surface: Writes on glass, steel, aluminum, plastic and rubber
- Dries quickly to avoid smudging or running
- Easy removal with water and a cloth (or run the car through car wash)
- Fabric nib won't scratch delicate surfaces



3mm | 25s | -50°F TO 150°F

Case Quantity: 48

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97450	Yellow	97453	Pink
97451	Green	97454	Blue
97452	Orange	97455	Purple

MARKAL®

Paint-Riter® Fine

For precision marking

- Fine tip size for precise, permanent paint marking
- High-strength, lightweight barrel designed for industrial use
- Self-storing cap with clip protects tip for longer life and stores easily in pocket





Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION				
96871	White	96874	Red	96877	Orange
96872	Yellow	96875	Blue		
96873	Black	96876	Green		

Paint-Riter® Jumbo

Extra-large liquid paint marker

- Largest marks available (up to 14mm) in an industrial paint marker
- Extra-large tip ideal for signage or safety marking where immediate identification is required
- Valve-actuated tip releases paint on-demand for smooth continuous use





Case Quantity: 24

Surfaces:

PART NO.	DESCRIPTION				
90900	White	90903	Black		
90901	Yellow	90904	Orange		
90902	Red	90905	Blue		

Security Check Paint Marker

Torque security paint marker

- Paint marks crack for visual indication of loosening or tampering of bolts and parts
- Dry to touch: 15 minutes
- Full cure: 4 days
- Mark temperature resistance: 392˚F. (200˚C)





Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION				
96668	White	96671	Blue	96674	Orange
96669	Yellow	96672	Green	96675	Purple
96670	Red	96673	Black	96676	Plastic Tip (Pack of 12)

***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

BALL PAINT MARKERS

A steel ball tip makes these markers preferred when bright and precise marking is needed on rough, wet or oily surfaces.

Paint-Riter® Metal Ball Tip

Metal roller ball marker

- Durable metal-ball tip resists wear and clogging for long-marking life on rough surfaces
- Non-drip paint formula allows for easy jobsite marking
- Industrial paint withstands harsh environments and weather conditions
- Sturdy plastic bottle with 3mm steel ball tip
- Plastic cap keeps tip clean between jobs



3mm | 5m | -10°F TO 150°F | * | MADE IN USA

Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION				
84620	White*	84623	Black*	84626	Green
84621	Yellow*	84624	Orange		
84622	Red*	84625	Blue		

Paint-Riter® Pump Metal Tip

Metal-tipped, pressurized liquid paint marker

- Unique pump mechanism for smooth paint flow
- Ideal for marking on smooth or rough surfaces
- Metal barrel and steel tip provide durability for longer marking life
- Weather, wear, and UV-resistant for long-lasting marks



3mm | 5m | -50°F TO 150°F

Case Quantity: 48

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION
28710	White
28711	Yellow

Replacement Tips Pack of 144

Extend the life of liquid paint markers

- Valve-actuated replacement tips release paint or ink on demand for smooth, continuous use
- Each tip style is designed to maximize marker use; do not interchange tips



PART NO.	PAINT-RITER®		PAINT-RITER®+										DURA-INK®+	
	VALVE ACTION	WATER-BASED	OILY SURFACE	WET SURFACE	ROUGH SURFACE	CERTIFIED	ULTRA VIOLET	WATER REMOVABLE	DETERGENT REMOVABLE	HEAT TREAT	SAFETY COLORS	AEROSPACE	EASY OFF WATER	EASY OFF DETERGENT
96867	■	■				■	■					■	■	■
96908			■	■										
97023					■			■	■	■	■			

Stylmark®

Ball tube marker for multiple surfaces

- Durable steel ball tip marks with indelible paint on smooth, rough or difficult surfaces
- Steel ball tip is resistant to very rough surfaces for long marking life
- Unique paint designed to not drip on vertical or overhead surfaces





Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION		
96640	White / 2mm		
96652	White / 3mm	96653	Yellow / 3mm
96664	White / 6mm		

Stylmark®+ Low Corrosion

Ball tube marker for stainless steel marking

- Safe for use on stainless steel and other alloy metals where corrosion resistance is a requirement
- Unique paint designed not to drip on vertical or overhead surfaces





Case Quantity: 48

Surfaces:

PLUS SERIES

PART NO.	DESCRIPTION
97160	White / 3mm*



***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

Paint-Riter®+ Ultra Violet

Visible in UV light

- Makes clear, invisible marks that illuminate bright blue when viewed with an ultraviolet or black light
- Invisible paint formula is ideal for security, theft-prevention, and quality control
- Fast-drying formula reduces smearing



3mm | 30s | -50°F TO 150°F

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION
97054	Visible Blue†

Paint-Riter®+ Certified

Nuclear and military pre-certified

- Ideal for use on stainless steel or superalloys in industries that require prevention against corrosion, pitting, or degradation
- Certified to meet the following U.S.A. and international specifications:
  - EDF PMUC
  - MIL - STD-2041D
  - U.S. DOE RDT F-7-3T (expired)
  - U.S. Navy C3070



3mm | 30s | -50°F TO 150°F | *

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
96880	White*	96883	Black*
96881	Yellow*	96884	Blue*
96882	Red*	96885	Green*

Paint-Riter®+ Aerospace

Paint markers designed for the Aerospace Industry

- Batch certified formulas meet stringent aerospace GE D50TF8 and Rolls-Royce EMS 56752 specifications
- Fast drying, long lasting and wear/weather resistant liquid paint formula
- Valve-actuated nibs for better controlled flow
- Durable metal barrels offer large paint capacity



3mm | 46s | -50°F TO 150°F | *

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
96892	White*	96894	Red*
96893	Yellow*	96895	Black*

Paint-Riter®+ Low Corrosion Fine

Low-corrosion solid paint marker

- Ideal for use on stainless steel or super alloys in industries that require prevention against corrosion
- Fast-drying formula leaves wear, weather, and UV-resistant marks
- Xylene-free paint reduces user health risks





Case Quantity: 48

Surfaces:

PLUS SERIES

MADE IN USA

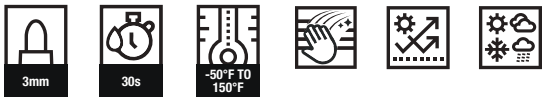
PART NO.	DESCRIPTION
28780	Black*†

Paint-Riter®+ Galvanizer

Removable paint marker for galvanizing

- Makes durable marks on steel during fabrication. Marks are removed completely during the pickling process.
- More marks per marker - more than 2x longer write-out vs leading competitor
- Fast-drying and xylene-free
- Weather resistant paint formula
- Durable acrylic nib marks on smooth, rough and rusty surfaces





Case Quantity: 48

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
28785	White
28786	Yellow

Paint-Riter®+ Safety Color

Touch-up safety identification

- Colors formulated to meet OSHA and ANSI safety color specs
- Durable and weather resistant formula for indoor/outdoor use
- Valve-actuated nibs provide continuous marking on smooth, rusty and rough surfaces
- Clip-Grip caps allow for easy storage and handling, even with work gloves





Case Quantity: 24

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97271	Safety Yellow†	97275	Safety Blue†
97272	Safety Red†	97276	Safety Green†
97274	Safety Orange†		

***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

Paint-Riter®+ Oily Surface

For oily surface marking

- Unique paint formula resists spreading and dries quickly through oily surfaces to leave precise, permanent marks
- Durable metal barrel and nib reduce breakage for longer marking life.
- Easy-to-grip clip-cap allows for convenient pocket storage.



3mm | 30s | -50°F TO 150°F | * | Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION								
96960	White*	96963	Black*†	96966	Green†	96971	Light Blue*	96974	Purple†
96961	Yellow*†	96964	Orange†	96967	Silver*	96972	Gold	96975	Brown*†
96962	Red*†	96965	Blue*†	96970	Light Green†	96973	Pink*†		

Paint-Riter®+ Rough Surface

For rough surfaces and extreme durability

- Engineered for continuous and highly-visible marking on rough, rusty, and dirty surfaces
- Enamel paint formula for enhanced abrasion resistance
- Durable metal barrel and clip-cap reduce breakage and store easily in pocket



3mm | 30s | -50°F TO 150°F | * | Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION				
97250	White*†	97253	Black*†	97256	Orange*†
97251	Yellow*†	97254	Blue*†	97262	Purple†
97252	Red*†	97255	Green*†	97263	Brown*†

Paint-Riter®+ Wet Surface

For wet surface marking

- Specially formulated paint resists running or spreading on wet or damp surfaces to leave permanent, highly-visible marks
- Metal barrel and durable fiber tip provide long marking life
- Fast-drying, permanent paint reduces work downtime



3mm | 30s | -50°F TO 150°F | * | Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION				
96930	White*	96933	Black*†	96936	Orange*†
96931	Yellow*	96934	Blue*†		
96932	Red*†	96935	Green*†		

Paint-Riter®+ Heat Treat

For high temperature resistance

- For marking on ambient temperature metal surfaces, fast-drying liquid paint marker resists high temperatures
- Engineered with PrismaLock technology for long-lasting colors up to 1,800˚F (982˚C)
- Maximum mark readability (no color)
  - White - 2,100˚F (1,148˚C)
  - Black - 2,200˚F (1,204˚C)
  - Yellow - 2,100˚F (1,148˚C)
  - Blue - 2,000˚F (1,093˚C)



3mm | 30s | -50°F TO 150°F

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97301	White	97305	Blue
97302	Yellow†		
97303	Black		

Paint-Riter®+ Detergent Removable

Removable liquid paint markers

- Fast-drying paint easily removes leaving surfaces free of mark ghosting or paint residue
- Detergent Removable marks can be removed with detergent solutions that have a PH level of 10 or above
- High-strength, light-weight plastic barrel designed for industrial use



3mm | 30s | -50°F TO 150°F

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97010	White	97013	Black†
97011	Yellow	97015	Blue
97012	Red	97016	Green

Paint-Riter®+ Water Removable

Removable liquid paint markers

- Fast-drying paint easily removes leaving surfaces free of mark ghosting or paint residue
- Water Removable marks can be removed simply and quickly with water
- High-strength, light-weight plastic barrel designed for industrial use



3mm | 30s | -50°F TO 150°F

Case Quantity: 48

Surfaces:

PLUS SERIES | MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
97030	White	97033	Black†
97031	Yellow	97035	Blue
97032	Red	97036	Green†

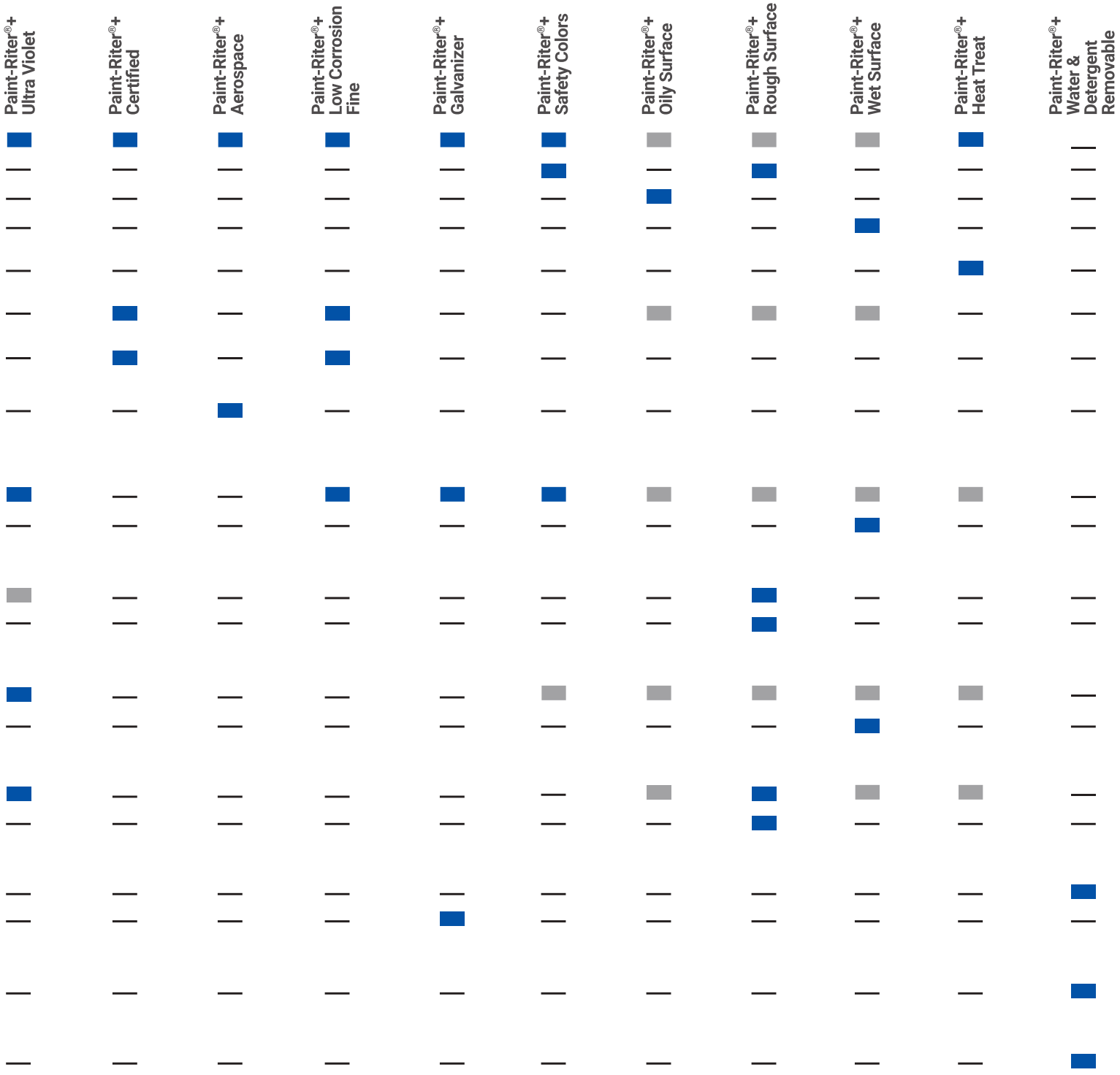
***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

LIQUID PAINT MARKERS

	Paint-Rite® Valve Action®	Paint-Rite® Water-Based	Paint-Rite® Window Marker	Paint-Rite® Fine	Paint-Rite® JUMBO	Security Check Paint Marker	Paint-Rite® Metal Ball Tip	Paint-Rite® Pump Metal Tip	Stylmark®	Stylmark®+ Low Corrosion
PERMANENT										
Metals										
Clean, Dry	■	■	—	■	■	■	▒	▒	▒	■
Rough/Rusty	—	—	—	—	—	■	■	■	■	■
Oily	—	—	—	—	—	—	—	—	—	—
Wet	—	—	—	—	—	—	—	—	—	—
Annealing, Heat Treating	—	—	—	—	—	—	—	—	—	—
Low Corrosion	▒	▒	—	—	—	—	—	—	—	■
Nuclear & Military Specifications	—	—	—	—	—	—	—	—	—	—
Aerospace Specifications	—	—	—	—	—	—	—	—	—	—
Plastics										
Clean, Dry	■	■	—	■	■	■	▒	▒	▒	—
Wet	—	—	—	—	—	—	—	—	—	—
Rubber										
Clean, Dry	▒	▒	—	—	■	—	▒	■	▒	▒
Rough	—	—	—	—	—	—	▒	■	▒	—
Glass, Ceramic										
Clean, Dry	■	■	—	▒	■	—	—	—	—	■
Wet	—	—	—	—	—	—	—	—	—	■
Brick, Stone										
Clean, Dry	■	■	—	▒	■	—	▒	■	▒	—
Rough	—	—	—	—	—	—	▒	■	▒	—
REMOVABLE										
Metals										
Clean, Dry	—	—	■	—	—	—	—	—	—	—
Galvanizing	—	—	■	—	—	—	—	—	—	—
Plastics										
Clean, Dry	—	—	■	—	—	—	—	—	—	—
Glass, Ceramic										
Clean, Dry	—	—	■	—	—	—	—	—	—	—

■ Primary Selection ▒ Secondary Selection


Paint-Rite®+ Ultra Violet
Paint-Rite®+ Certified
Paint-Rite®+ Aerospace
Paint-Rite®+ Low Corrosion Fine
Paint-Rite®+ Galvanizer
Paint-Rite®+ Safety Colors
Paint-Rite®+ Oily Surface
Paint-Rite®+ Rough Surface
Paint-Rite®+ Wet Surface
Paint-Rite®+ Heat Treat
Paint-Rite®+ Water & Detergent Removable

INK MARKERS

Industry professionals require more out of their tools, which is why Markal® has been the trusted leader in industrial-grade marking solutions for over 89 years. Engineered to perform in the toughest industrial environments, our DURA-INK® family of permanent ink markers offers the best combination of performance, durability and value.

MARKAL®




DURA-INK
FINE
PERMANENT INK MARKER

DURA-INK® Needle Nose

Permanent ink marker with extended micro tip

- Extended nose is ideal for marking through holes and hard-to-reach areas
- Micro tip for precision marking on small surfaces
- Industrial-strength ink is smear and water-resistant for longer lasting marks



1mm | 3s

Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION
96520	Black

DURA-INK® Fine

Permanent ink marker with fine bullet tip

- Industrial-strength ink is smear and water-resistant for longer lasting marks
- Extra-tough tip will not spread or mush
- Built-in clip-cap stores conveniently on back and prevents marker from rolling off work surfaces



1.5mm | 3s

Case Quantity: 72

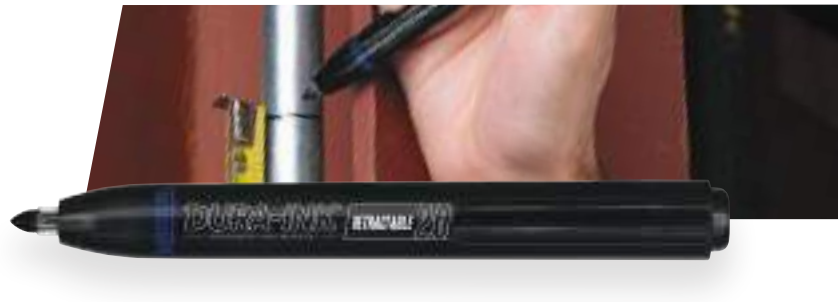
Surfaces:

PART NO.	DESCRIPTION				
96022	Red	96025	Blue	96027	Silver†
96023	Black	96026	Green		

DURA-INK® Retractable

Retractable permanent ink marker

- One-handed, push button operation eliminates lost caps and prevents ink dryout
- Fast-drying, wear and water-resistant formula for long-lasting marks
- Industrial-grade fine bullet tip will not spread or mush
- Auto-storing clip instantly retracts tip to reduce mess or tip damage



1.5mm | 3s

Case Quantity: 24

Surfaces:

PART NO.	DESCRIPTION
96575	Black
96576	Red

DURA-INK® Dual-Tip

Dual-sided marker provides the convenience of two markers in one

- Versatile dual tip design is excellent for broad writing on large spaces and ultra-fine precision marking on small surfaces
- Industrial-strength permanent ink dries quickly and is wear and weather-resistant for longer lasting marks
- Built-in clip-caps snap into each other, preventing lost caps and marker from rolling off work surfaces



0.7mm | 1mm | 3s

Case Quantity: 72

Surfaces:

PART NO.	DESCRIPTION
96282	Red
96283	Black

DURA-INK® Controlled Flow

Valve-actuated tip provides on-demand ink

- Industrial-grade ink dries quickly to leave smear and water-resistant marks
- The strong metal barrel and clip-cap reduce breakage
- Extra-tough tip will not spread or mush, providing longer marking life



3mm | 3s

Case Quantity: 48

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION
96923	Black†

DURA-INK® Dry Erase

Erasable ink marker

- Temporary marks are easily removed from most non-porous surfaces without ghosting or leaving a residue
- Valve-actuated tip releases ink when needed and reduces tip dryout
- Larger ink supply outwrites conventional ink markers
- Opaque ink formula for bold marks



3mm | 3s

Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION		
96570	Red	96572	Blue
96571	Black	96573	Green

†**Warning:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

DURA-INK® Metal Barrel Chisel

Permanent ink marker with medium chisel tip



- The versatile chisel tip can make both fine or broad marks for flexible marking needs
- Smear and water-resistant industrial ink allows for long-lasting marks
- Heavy-duty metal barrel contains extra-large ink supply for longer marking life



Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION
96222	Red
96223	Black

DURA-INK® Chisel

Permanent ink marker with medium chisel tip



- Medium chisel tip produces both fine and broad permanent marks
- Durable plastic barrel withstands tough industrial uses and is the economical alternative to high-cost metal barrels
- Built-in clip-cap stores conveniently on back and prevents marker from rolling off work surfaces



Case Quantity: 48

Surfaces:

PART NO.	DESCRIPTION		
96528	Red	96530	Blue
96529	Black	96531	Green

DURA-INK® Jumbo Chisel

Produces both fine and broad permanent marks



- Versatile, broad chisel tip produces both extra-large or medium-sized marks
- Industrial grade tip will not spread or mush
- Jumbo ink supply for greater marking mileage



Case Quantity: 24

Surfaces:

PART NO.	DESCRIPTION		
96914	Green	96916	Red
96915	Blue	96917	Black

DURA-INK®+

Plus (+) Series are highly engineered tools designed to perform in specific applications and environments.

DURA-INK®+ Aerospace

Ink marker designed for the Aerospace industry



- Batch certified formula meets stringent aerospace GE D50TF8 and Rolls-Royce EMS 56752 specifications
- Valve-actuated nibs for better controlled flow
- Durable metal barrel offers large ink capacity
- Clip-grip caps allow for easy storage and handling, even with work gloves



Case Quantity: 48 **Surfaces:** **PLUS SERIES** **MADE IN USA**

PART NO.	DESCRIPTION
96924	Black*†

DURA-INK®+ Water Removable

Removable temporary ink washes off with water



- Industrial-strength ink for temporary marking applications removes quickly and easily with dry rag, towel, or eraser
- Marks will not ghost or leave a residue once removed from most non-porous surfaces
- Durable nib will not spread or mush, and not scratch painted surfaces
- Durable clip-cap and plastic barrel will reduce breakage



Case Quantity: 48 **Surfaces:** **PLUS SERIES**

PART NO.	DESCRIPTION		
96301	Pink †	96303	Green
96302	Blue		

DURA-INK®+ Easy Off Water & Detergent

Removable temporary ink is easily removed with water or detergent



Soft nib won't scratch surfaces

- Perfect for temporarily marking bare (non-treated, non-painted) metal. Marks that are removed leave no ghosting.
- Will not ghost or bleed through when painted over
- Valve-actuated nibs provide continuous marking for better controlled flow
- Durable metal barrel prevents breakage for longer marking life



Case Quantity: 48 **Surfaces:** **PLUS SERIES** **MADE IN USA**

PART NO.	DESCRIPTION	WATER		DETERGENT			
96310	White	96313	Black	96320	White	96323	Black
96311	Yellow	96315	Blue	96321	Yellow	96325	Blue
96312	Black	96316	Green	96422	Red	96326	Green

*Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements

†⚠ **Warning:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

SOLID PAINT MARKERS

With the introduction of the original B® Paintstik® in 1934, Markal® changed the face of industrial marking by creating a product that combines the durability of paint with the convenience of a crayon. Since that time, we have continued to build on this innovation by engineering unique marking solutions, making our Paintstiks one of the most diverse and commonly used types of industrial marking tools available.

MARKAL®

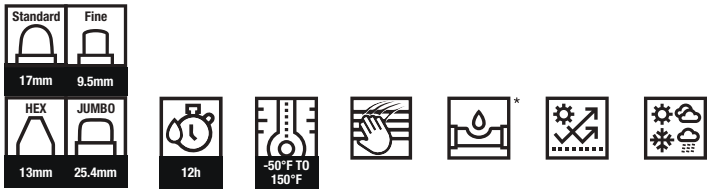



PAINTSTIK
SOLID PAINT MARKER
B

Paintstik® Original B®

Multi-purpose permanent marking

- Real paint for long-lasting, highly-visible marks
- Superior marking on rough, rusty, or dirty surfaces
- Weather and UV-resistant for long-lasting marks





Case Quantity: 144

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION										
80220	White*	80224	Orange	80228	Purple	80233	Silver	82835	Fluor. Blue	80421	Yellow / Fine
80221	Yellow	80225	Blue	80229	Brown	82831	Fluor. Yellow	82836	Fluor. Green	80250	White / HEX*
80222	Red	80226	Green	80230	Gray	82832	Fluor. Red	82842	Fluor. Pink	80251	Yellow / HEX
80223	Black	80227	Pink	80232	Aluminum	82834	Fluor. Orange	80420	White / Fine*	80260	White / JUMBO*

Paintstik® Rough Surface

For marking very rough surfaces

- Soft solid paint for easier marking on rough or colder surfaces
- Marks withstand prolonged immersion in water for long mark life
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use
- Weather and UV-resistant





Case Quantity: 144

Surfaces:

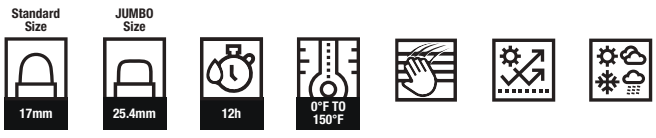
MADE IN USA

PART NO.	DESCRIPTION
80620	White
80621	Yellow
80623	Black

Paintstik® High Intensity

High-intensity color marking

- High-intensity colors for coding, identification, layout, and assembly work
- Durable weather and UV-resistant marks
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use





Case Quantity: 144

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION		
88620	White	88625	Blue
88621	Yellow	88640	White / JUMBO
88624	Orange		

MARKAL®

Paintstik®+ Lacquer Fill-In

For filling-in stamped or engraved lines

- Meets U.S.A. federal specification TT-F-325a I and MIL-STD 171, Finish No. 30.1.1, Type I
- Mark temperature resistance: up to 500°F (260°C)
- Paint stays flexible, expands and contracts with the surface
- Rubs in and wipes off easily, dries quickly





Case Quantity: 144 **Surfaces:**

PLUS SERIES MADE IN USA

PART NO.	DESCRIPTION
51120	White
51123	Black
51131	Gold

Paintstik®+ Non-Bleed Thru

Marks will not show through top coat of paint

- Marks will not show through top coat of primer or finished layer of paint
- Ideal for shipbuilding or other metal fabrication
- Solid paint formula designed for marking on wet, dry, oily, rusty, icy, smooth, or rough surfaces
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use





Case Quantity: 144 **Surfaces:**

PLUS SERIES MADE IN USA

PART NO.	DESCRIPTION
82120	White

Paintstik®+ Water Removable Fine

Water-soluble, removable

- Water-soluble for easy removal before production or finishing
- Smaller diameter for finer line marking
- Ideal for temporary marking on nonporous surfaces
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use





Case Quantity: 144

Surfaces:

PLUS SERIES MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
82420	White	82423	Black
82421	Yellow*		
82422	Red		

***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

Paintstik®+ Fast Dry

Fast-drying solid paint crayon

- Marks dry within 5 minutes on wet, oily, dry, and rough surfaces
- Quick-drying marks allow for immediate handling without smearing
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use



Standard Size



Case Quantity: 72

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
82721	Yellow

Paintstik®+ Galvanizer

Marks are removed in the galvanizing process

- Marks remove in pickling baths to allow excellent adhesion for zinc coating
- Superior marking on rough, rusty, oily, or smooth surfaces compared to liquid paint markers
- Solid paint crayon makes wide, bold marks for instant identification





Case Quantity: 144

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
83420	White

Zephyr®

Wear-resistant, water-soluble

- Water-soluble for easy removal from glass and other non-porous surfaces
- Wider, more wear-resistant marks than Paintstik®+ Water Removable Fine
- Marks will not damage surface or ghost after removal
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use





Case Quantity: 144

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
51321	Yellow

Paintstik®+ Bleed Thru Oil-based Paint

Bleeds through oil-based paints

- Marks bleed through solvent or oil-based primers or paints
- Used for inspection, coding, layout or assembly operations
- Durable weather and UV-resistant marks
- To prevent bleeding through the finished coat of paint, seal the marked areas with water-based epoxy paint





Case Quantity: 144

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
80725	Blue

Paintstik®+ Bleed Thru Water-based Paint

Bleeds through water-based paints

- Marks bleed through water-based primers or paints
- Used for inspection, coding, layout or assembly operations
- Easy-to-hold, recyclable paperboard holder protects Paintstik for maximum use
- Durable weather and UV-resistant marks





Case Quantity: 144

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION
80735	Blue

Paintstik®+ Heat Treat

For annealing and heat-treating

- Marks will withstand immediate quenching in water or oil
- Ideal for welds, ingots, castings, forgings, and other annealed parts
- Durable marks will not rub off, allowing for long-lasting identification
- Withstands temperatures up to 1600F (871C) and 82020 withstands 1800F (982C)





Case Quantity: 144

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
81920	White / 1600F	81923	Black / 1600F	82020	White / 1800F
81921	Yellow / 1600F				
81922	Red / 1600F				

***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

Quik Stik® All Purpose

Fast-drying solid paint in twist-up holder

- Fast-drying vibrant paint marks on virtually any surface: wet, smooth, rough, or hot
- Easy Grip Airtight Cap for convenient pocket storage, self-storing cap keeps the marker clean and fresh between uses
- Solid paint marker advances and retracts by turning twist-up knob





Case Quantity: 72

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION						
61049	Red	61053	Yellow	61071	Orange	61042	Fluor. Green
61050	Black	61069	Green	61073	Purple	61043	Fluor. Orange
61051	White	61070	Blue	61041	Fluor. Yellow	61044	Fluor. Pink

Quik Stik® All Purpose Mini

Fast-drying solid paint in compact twist-up holder

- Marks on virtually any surface; wet, smooth, rough or hot
- Solid paint marker advances and retracts by turning twist-up knob
- Compact plastic holder with clip-cap stores easily in pocket and keeps hands and clothing clean





Case Quantity: 48

Surfaces:

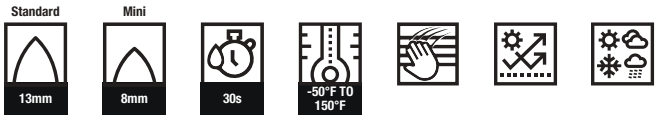
PART NO.	DESCRIPTION		
61126	White	61128	Red
61127	Yellow	61129	Black

Quik Stik®+ Oily Surface & Mini

Premium solid paint marker that writes on oily and wet surfaces

- Industrial-grade paint formula for exceptional performance on oily and wet surfaces. Also writes on dry, smooth or rough
- Twist-up knob (push advance on mini) easily advances permanent solid paint to keep hands, clothing and toolboxes clean





Case Quantity: 48

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	DESCRIPTION						
28880	White	28882	Red	28770	White / Mini	28772	Red / Mini
28881	Yellow	28883	Black	28771	Yellow / Mini	28773	Black / Mini

HOLDERS

Protect solid paint crayons, reduce hand fatigue and keep workspace clean.



102 Standard Size Holder

Adjustable metal holder



- Durable metal holder promotes long work-life for all standard equivalent 11/16" 1.7cm size Markal® solid paint crayons
- Adjustable mechanism easily advances paint crayon
- Designed for use with the following Markal® standard size solid paint crayons: Orignial B®, Rough Surface®, Bleed Thru Oil-based®, Bleed Thru Water-based®, High Intensity®, F®, Heat Treat® (1600F and 1800F), Non-Bleed Thru®, Galvanizer®
- For safer distance marking, 0.6m and 0.9m extensions are available for special order

Case Quantity: 12

MADE IN USA

PART NO.	DESCRIPTION
85100	Adjustable metal holder for standard diameter solid paint crayons

107 Fine Size Holder

Metal holder for small diameter solid paint crayons



- Dependable holder protects fine size Markal® Paintstiks for long work life
- Easy-to-use, push-button design reduces work downtime
- For safe distance marking, 0.6m and 0.9m extensions are available for special order
- Designed for use with the following Markal solid paint markers: B® Fine, FAST-DRY® Fine, and Water Removable Fine

Case Quantity: 12

MADE IN USA

PART NO.	DESCRIPTION
85300	Metal holder for small diameter solid paint crayons

***Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.**

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

SOLID PAINT MARKERS

PERMANENT

REMOVABLE

Metals	Paintstik® Original B®	Paintstik® Rough Surface®	Paintstik® Bleed Thru Oil®	Paintstik® Bleed Thru Water®	Paintstik® High Intensity®	Paintstik® FAST DRY®	Paintstik® Heat Treat 1600°F - 1800°F	Paintstik® Non-Bleed Thru
Clean, Dry	■	—	■	■	■	■	■	■
Rough	■	■	■	■	■	■	■	■
Rusty	■	■	—	—	■	■	—	—
Oily	■	—	—	—	—	—	—	—
Wet	■	—	—	—	—	—	—	—
Annealing, Heat Treating	—	—	—	—	—	—	■	—
Low Corrosion	■	—	—	—	—	—	—	—
Plastics								
Clean, Dry	■	—	■	■	■	■	—	■
Rough	■	■	■	■	—	■	—	■
Oily	—	—	—	—	—	—	—	—
Wet	■	—	—	—	—	—	—	—
Rubber								
Clean, Dry	■	—	—	—	■	■	—	—
Rough	■	—	—	—	■	■	—	—
Oily	■	—	—	—	—	—	—	—
Wet	■	—	—	—	—	—	—	—
Glass, Ceramic								
Clean, Dry	■	—	—	—	—	■	—	—
Rough	■	■	—	—	—	■	—	—
Wet	■	—	—	—	—	—	—	—
Brick, Stone								
Clean, Dry	■	—	—	—	—	■	—	—
Rough	■	■	—	—	—	—	■	—
Wet	■	■	—	—	■	—	—	—
Before Painted Surface								
Bleed Through Paint	—	—	■	■	—	—	—	—
No Bleed Through	—	—	—	—	—	—	—	■
Painted Surface								
Clean, Dry	■	—	—	—	■	■	—	—
Rough	■	■	—	—	■	■	—	—
Oily	■	—	—	—	—	—	—	—
Wet	■	—	■	■	—	—	—	—
Non-Porous Surfaces								
Clean, Dry	—	■	—	—	—	—	—	—

■ Primary Selection ■ Secondary Selection

Paintstik® Galvanizer	Paintstik® Water Removable Fine	Paintstik® Lacquer Fill-In	TYRE MARQUE®	Quik Stik® All Purpose	Quik Stik® All Purpose Mini	Quik Stik®+ Oily Surface	Quik Stik®+ Oily Surface Mini
■	—	■	—	■	■	■	■
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HOT SURFACE MARKERS

The tools required in a smelter or forge and casting foundries must be able to consistently perform and be able to withstand extreme temperatures, and industrial markers are no exception. Our hot surface line of solid paint markers will only begin producing marks when in the stated working temperature, and will provide long-lasting, highly-visible marks that will not run, char, flow, discolor, peel, or crack. With rated temperatures from 120˚F (49˚C) to 2200˚F (1204˚C), these markers are ideal for use on coils, billets, bars, ingots, and plates.

MARKAL®





Hot surface solid paint markers only begin producing marks when in the stated working temperature. Marks will not run, char, flow, discolor, peel or crack.

Heat Stik® Fine (225°F - 1100°F)

107°C to 593°C

- Hot surface marker writes on hot castings, forgings, coils, billets, plates and other hot metal surfaces
- Forgings and parts can be immediately dipped into cold water baths without damaging the marks





Case Quantity: 144 **Surfaces:**

MADE IN USA

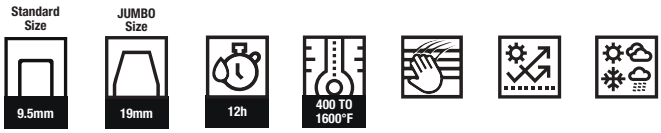
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
81020	White	81023	Black†
81021	Yellow†	81025	Blue
81022	Red	81026	Green

Heat Stik® (400°F - 1600°F)

204°C to 871°C

- Red-hot surface marking crayon writes on billets, coils, bars, slabs, ingots and other hot metal surfaces
- Fast-drying marks are not damaged during handling or when immersed in cold water baths





Case Quantity: 144 **Surfaces:**

MADE IN USA

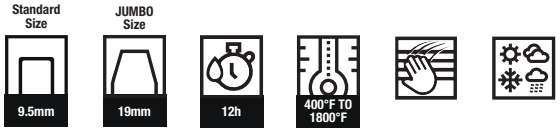
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
81220	White / Standard	81223	Black / Standard†
81221	Yellow / Standard†	81225	Blue / Standard
81222	Red / Standard	81210	White / JUMBO

Heat Stik® (400°F - 1800°F)

204°C to 982°C

- Red-hot surface marking crayon writes on billets, coils, bars, slabs, ingots and other hot metal surfaces
- Fast-drying marks are not damaged during handling or when immersed in cold water baths





Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
84720	White / Standard
84710	White / JUMBO

Heat Stik® (350°F - 1700°F)

177°C to 927°C

- Extra-wide hot surface marker lasts longer than competitive hot chalk, for extended writing life
- Durable marks will not run, char, flow, discolor, peel or crack
- Fast-drying marks are not damaged during handling or when immersed in cold water baths
- Real paint for long-lasting, highly visible marks





Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
81610	White

Heat Stik® (200°F - 1000°F)

93°C to 538°C

- Red-hot surface paint crayon on billets, coils, bars, slabs, ingots and other hot metal surfaces
- Extra-wide hot surface marker lasts longer than competitive hot chalk for extended writing life
- Durable marks will not run, char, flow, discolor, peel or crack
- Easy-to-hold, recyclable paperboard holder protects Heat Stik® for maximum use





Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
84820	White

Heat Stik® (1800°F - 2200°F)

982°C to 1204°C

- White-hot surface paint crayon writes on iron, steel castings, ingots, forgings, blooms, billets and high temperature metal alloys
- Extra-wide hot surface marker lasts longer than competitive hot chalk, for extended writing life
- Marks are readable even on white-hot steel for instant identification





Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
81820	White

†⚠ **WARNING:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

Heat Stik® (150°F to 900°F)

66°C to 482°C

- Dual-purpose paint crayon is ideal for use where temperatures vary rapidly from hot to cold
- Formulated for foundries and mills where extreme temperature change occurs
- Durable marks will not run, char, flow, discolor, peel or crack, but can be removed at higher temperatures





Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
82520	White



HOLDERS

For safe distance marking, dependable holders protect user from dangerous heat.

Holder 100

Wooden holder

- Durable wooden holder protects the marker during use for long marking life
- Adjustable metal ring secures marker in holder
- Designed for use with the following Markal® hot surface solid paint markers: Heat Stik® Fine (225°F - 1000°F) Heat Stik® (400°F - 1600°F), Heat Stik® (400°F - 1800°F) Heat Stik® (350°F - 1700°F), Heat Stik® (150°F - 900°F)



Case Quantity: 12

Surfaces:

MADE IN USA

PART NO.	LENGTH
85500	10.2cm

Holder 102K

Metal holder for hot surface solid paint markers

- Combining holder (85200) and the 2ft extension (85210) provides additional length to protect the user from dangerous heat
- Fast button advancing for high production, even with heavy duty gloves
- Designed for use with the following Markal® hot surface solid paint markers:
  Heat Stik® (1800°F - 2200°F)
  Heat Stik® (200°F - 1000°F)
  Heat Stik® (400°F - 1600°F) King size
  Heat Stik® (400°F - 1800°F) King size



102K holder with 2ft (0.6m) extension pictured above

Case Quantity: 12

Surfaces:

MADE IN USA

PART NO.	LENGTH
85200	0.6 ft. (18.4cm)
85210	2 ft. (0.6m)

Holder 111

Extra-long metal holder

- The longest metal holder for hot surface marking
- Durable, push-button metal holder is easy to use, even with heavy-duty gloves
- Designed for use with the following Markal® hot surface solid paint markers:
  Heat Stik® Fine (225°F - 1000°F)
  Heat Stik® (400°F - 1600°F)
  Heat Stik® (400°F - 1800°F)
  Heat Stik® (350°F - 1700°F)
  Heat Stik® (150°F - 900°F)



Case Quantity: 12

Surfaces:

MADE IN USA

PART NO.	LENGTH
85700	28cm

GENERAL PURPOSE MARKERS

From automotive quality control to construction, these markers offer exceptional flexibility and can be used on many different surfaces and in almost any industry. Engineered to meet the performance needs of industrial users and applications, these markers are an economical and effective marking solution for almost any user.

MARKAL®




TRADES

Markal® Pro Holder

Mechanical holder for hard-to-reach areas

- Extended, needle-nose tip for tight and hard-to-reach areas
- Heavy-duty metal construction for use in the toughest jobs
- Easily refillable for continued use and built-in sharpener for precise marks
- 1x graphite lead included with holder



2.88mm

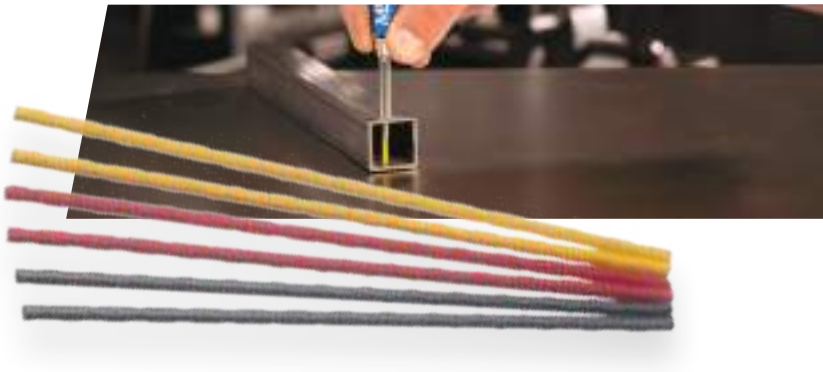
Case Quantity: 12 **Surfaces:**

PART NO.	DESCRIPTION
96270	Holder

Markal® Pro Refills

Pro refills for general purpose marking

- Marks on just about any surface; metal, plastic, glass, wood, paper, etc.
- Break-resistant, extra-wide leads
- For use only with Markal Pro Holder
- Refill size - Ø: 2.8mm, L: 120mm



2.88mm

Case Quantity: 12 **Surfaces:**

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
96273	Graphite Refills 6 Pack	96275	Yellow Crayon Refills 6 Pack
96274	Red Crayon Refills 6 Pack	96276	Multi-pack Refills 6 Pack



TRADES-MARKER®

Versatility of a paper-wrapped grease pencil
with the convenience of push-button advance.

Trades-Marker®+ Water Soluble

Water-removable, mechanical grease pencil

- Marks can be easily wiped away with water, ideal for quality control and temporary marking needs
- Great for many surfaces including: smooth, rough, rusty, or dirty surfaces
- Marker refills eliminate mess and paper waste of grease pencils, saving time and money



3mm

Surfaces:

PLUS SERIES

MADE IN USA

PART NO.	STARTER PACK: 1-HOLDER/12 REFILLS Case Quantity: 6	REFILL PACK: 12 REFILLS Case Quantity: 12	BULK PACK: 1 HOLDER/1 REFILL Case Quantity: 48
96190	White	96180 White	96170 White
96191	Yellow	96181 Yellow	96171 Yellow
96192	Black		

Trades-Marker® All Purpose

Mechanical grease pencil

- Marker refills eliminate mess and paper waste of grease pencils, saving time and money
- Holder maximizes complete use of marker
- Push-button advancing makes for easy, one-handed use



3mm

Surfaces:

MADE IN USA

PART NO.	STARTER PACK: 1-HOLDER/12 REFILLS Case Qty: 6			REFILL PACK: 12 REFILLS Case Qty: 12		BLISTER CARD: 1 HOLDER/5 REFILLS Case Qty: 24	
96130	White	96133	Black*	96240	White	96000	Assorted
96131	Yellow	96137	Orange	96241	Yellow		
96132	Red*			96247	Orange		



*Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements.

PENCILS

China Marker

Paper-wrapped marker, grease pencil

- Low-cost, general purpose marker for smooth writing on most surfaces
- Moisture-resistant marker, can be used effectively in most climates
- No sharpening required; pull string and unwrap paper



3mm

Case Quantity: 72 **Surfaces:**

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
96010	White	96013	Black
96011	Yellow	96015	Blue
96012	Red	96016	Green



Carpenter's Pencil

Precise wood and concrete marking

- Economical pencil for clean, accurate marks on wood, concrete and other surfaces
- Flat marker design prevents rolling on work tables
- Available in medium and hard lead to fit the surface needs
- Length: 17.8cm



3mm

Case Quantity: 144 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION
96927	Hard
96928	Medium

MARKAL®

CHALK

Engineered for easily readable, temporary marks that are ideal for identification purposes

Railroad Chalk

Wide, temporary marks

- Large diameter chalk makes bold, wide temporary marks that are easy to read on virtually any surface
- Wide, tapered shape is easy to hold, even with gloves
- Length: 10.2cm
- Sold in a case of 576



Case Quantity: 576 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION		
80500	White†	80505	Blue†
80501	Yellow†	80506	Green†
80502	Red†		



†⚠ **WARNING:** This product can expose you to chemicals including Silicon Dioxide (CAS# 14808-60-7), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

LUMBER & TIMBER MARKERS

Whether marking raw materials in the field or in plant for processing, Markal has a marker engineered for use on almost any wood surface and for use with grade mark readers. For marking logs, boards, or raw lumber, our lumber crayons are an economical and effective way to mark wet, dry, rough, and dirty wood for improved processing and tracking. For use with grade mark readers, our scanning crayons have been engineered with exceptional color and vibrancy to reduce misreads and improve efficiency.

MARKAL®




MARKS
TIMBERSTIK+
LUMBER CRAYON
PRO GRADE

Timberstik® All Purpose

Economical, wax-based

- Known in construction trades as "keel" or layout chalk
- Formulated for weather and fade resistant marking on most surfaces
- Special softer formula allows for superior marking in cold climates





Case Quantity: 144 **Surfaces:**

PART NO.	DESCRIPTION				
80350	White	80353	Black	80356	Green
80351	Yellow	80354	Orange		
80352	Red	80355	Blue		

Timberstik®+ Pro Grade

Ideal for hot or cold climates

- Stronger formula for reduced breakage and longer marking life
- Superior performance on wet, frozen, or treated wood
- Professional-grade formula makes bold and bright marks





Case Quantity: 144 **Surfaces:**

PLUS SERIES

PART NO.	DESCRIPTION		
80380	White	80383	Black
80381	Yellow	80385	Blue
80382	Red	80386	Green



SCANNING CRAYONS

Engineered for highly-visible marks and accurate grading.

ULTRASCAN®

High-performance crayon for grade mark readers



- Bright colors provide the highest fluorescent response of any lumber grading marker
- Dramatically longer use, provides up to 4X the writing life of competitive crayons
- Maximum character recognition and accuracy for the lowest possible reject rates
- Each batch is tested to meet the specifications for Lucidyne ColorScan® and Newnes-McGehee grade mark readers
- One hardness for all temperatures, eliminates duplicate inventory
- Specifically developed for Lucidyne, Newnes-McGehee and Cypress grade mark readers
- Unique formula provides excellent writing on wet and green lumber, even with fungicide coating
- 26 colors for superior color separation compared to competitive fluorescent wax crayons



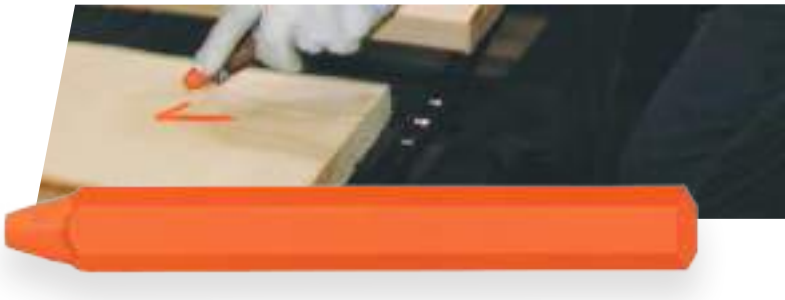
Case Quantity: 72 **Surfaces:**

MADE IN USA

PART NO.	DESCRIPTION							
82430	Brick Red 11	82439	Dark Orange 42	82451	Bright Pink 91	82466	Purple 24
82431	Magenta 21	82440	Brown 52	82452	Royal Blue 80	82467	Bright Red 34
82432	Red Orange 31	82441	Green 62	82457	Light Blue 81	82468	Neon Orange 103
82433	Orange 41	82442	Rust 13	82459	Bright Orange 44	82469	Tan 45
82434	Berry 51	82446	Yellow Orange 53	82461	Spring Green 71	82470	Tangerine 03
82435	Lime 61	82447	Yellow 63	82462	Dark Brown 55		
82436	Burgundy 12	82450	Blue Green 70	82463	Golden Rod 54		

SCAN-IT® Plus

For grade marking



- Each batch is tested to meet the specifications for Lucidyne ColorScan® grade mark readers
- Superior color separation for accurate grading compared to competitive crayons
- Makes smear-resistant marks, reduces scanning errors
- Variety of fluorescent colors in three hardnesses for varying production environments







Case Quantity: 144 **Surfaces:**

MADE IN USA

HEX		ROUND					
PART NO.	HARDNESS / SIZE	PART NO.	HARDNESS / SIZE				
82231	Orange Sherbet Hard	82236	Orange Sherbet Hard	82337	Watermelon Red Med	82636	Orange Sherbet Soft
82232	Watermelon Red Hard	82237	Watermelon Red Hard	82339	Grasshopper Green Med	82637	Watermelon Red Soft
82234	Grasshopper Green Hard	82239	Grasshopper Green Hard	82347	Pumpkin Med	82639	Grasshopper Green Soft
82331	Orange Sherbet Med	82336	Orange Sherbet Med	82359	Lemon Yellow Med	82659	Lemon Yellow Soft

HOLDERS

106 Holder

Dual holder for lumber crayons and carpenter pencils



- Dual design for easy use of two markers for quick marking on multiple surfaces
- Easy-to-adjust locking rings securely hold markers
- Bright yellow color makes for easy on-the-job identification
- Designed for use with the following Markal® markers: Timberstik® All Purpose, Timberstik®+ Pro Grade, and carpenter pencils

Case Quantity: 12

MADE IN USA

PART NO.	LENGTH
85401	12.7cm

108

Metal holder for hex-shaped markers



- Heavy-duty metal holder helps prevent breakage, reducing costs
- Push-button advancing reduces downtime for increased productivity
- Comfortable leather wrist strap helps prevent dropping
- Designed for use with all 13mm Markal® hex-shaped markers: Timberstik® All Purpose, Timberstik®+ Pro Grade, and Tyre Marque®

Case Quantity: 12

MADE IN USA

PART NO.	LENGTH
85400	15.2cm

109 Peterson Holder

Wood holder for hex-shaped lumber and timber markers



- Adjustable locking ring keeps markers in place during use
- Comfortable leather wrist strap fits over gloves and reduces dropping
- Designed for use with the following Markal® markers: SCAN-IT® Plus 13mm hex and other hex-shaped Markal markers

Case Quantity: 12

MADE IN USA

PART NO.	LENGTH
85490	12.7cm



WELDING MARKERS

The first step to creating a durable, long-lasting weld is using the best tools available to meet the level of precision required during the process. Markal® offers the best in economical and specialized welding markers to produce longer-lasting and more visible marks guaranteed to not contaminate or cause inclusions, pitting, or porosity in the weld.

MARKAL®



SILVER STREAK®

Highly-visible marks illuminate when cutting or welding.

Silver-Streak®

For welding, metal layout and fabrication



- Highly-visible marks illuminate when cutting or welding
- Superior to soapstone in markability and durability; will not rub, burn or blow off surface
- Marks on oily, wet or rusty metals, and will not scratch or abrade surfaces
- Durable, mechanical holder prevents stick breakage and features a convenient, built-in sharpener and pocket clip for easy storage

Variable

Case Quantity: 24 **Surfaces:**

PART NO.	DESCRIPTION
96006	1 Holder/ 1 Refill
96107	1 Holder/6 Refills
96007	Refill/ 6 Pack

Silver-Streak® Welding Pencil

For metal layout and fabrication



- Reflective lead illuminates when cutting or welding for improved visibility
- Durable marks will not scratch or abrade metal surfaces
- High-strength, hex-shaped pencil reduces barrel roll unlike competitive brands
- Pre-sharpened

Variable

Case Quantity: 72 **Surfaces:** MADE IN USA

PART NO.	DESCRIPTION
96101	Silver

Red-Riter®

Red-Riter® Welding Pencil

For metal layout and fabrication



- Highly visible red color for aluminum or other bright metals
- Durable marks will not scratch or abrade metal surfaces
- High-strength, hex-shaped pencil reduces barrel roll unlike competitive brands
- Pre-sharpened

Variable

Case Quantity: 72 **Surfaces:** MADE IN USA

PART NO.	DESCRIPTION
96100	Red

MARKAL®

Markal® Pro Holder

Mechanical holder for hard-to-reach areas

- Extended, needle-nose tip for tight and hard-to-reach areas
- Heavy-duty metal construction for use in the toughest jobs
- Easily refillable for continued use and built-in sharpener for precise marks
- 1x graphite lead included with holder



2.88mm

Case Quantity: 12 **Surfaces:**

PART NO.	DESCRIPTION
96270	Holder

Markal® PRO Welding Refills

Reflective lead refills for welding and fabrication layout

- Silver-Streak® Pro - Unique reflective lead perfect for welding and fabricating
- Red-Riter® Pro - Red lead perfect for welding and fabricating on aluminum, stainless steel and other bright metals
- Durable and heat-resistant marks last longer than soapstone
- Ideal for use on and safe for all metals; clean, oily, or rusty
- For use only with Markal® Pro Holder



2.88mm

Holders Case Quantity: 12 **Case Quantity: 12** **Surfaces:**

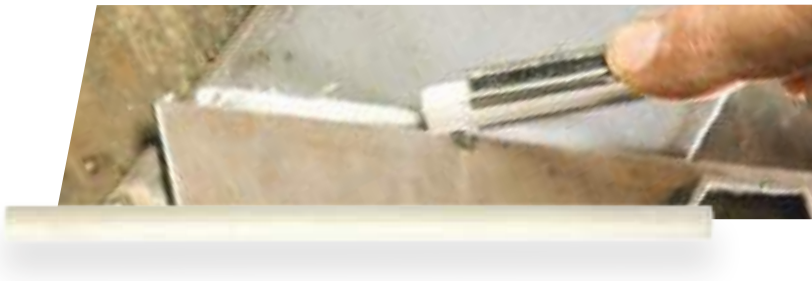
PART NO.	DESCRIPTION	HOLDERS	
96271	Silver-Streak PRO Refills, 6 Pack	96270	Holder
96272	Red-Riter PRO Refills, 6 Pack		

CHALK

Soapstone

Temporary Marking

- Temporary marks can be easily removed
- Marks will not contaminate weld or damage metal surface
- Available in two easy-to-hold shapes: flat and round
- Holders for flat and round shapes reduce breakage



Flat Round

Holders Case Quantity: 12 **Case Quantity: 432** **Surfaces:**

PART NO.	SHAPE	HOLDERS	
80129	Flat	80140	Flat
80130	Round	80141	Round

TEMPERATURE INDICA

Whether used as part of a manufacturing process, welding, metal fabrication, or in quality control to help prevent damage caused by high temperatures, accurate temperature indication is a vital part of almost all industrial environments. For over 89 years, we have been a leading and trusted name in fast, reliable, and accurate temperature indication products for almost any job.



Tempil®

ATING PRODUCTS

Accurate Temperatures

Accurate to within +/-1% Fahrenheit
and +/-3% Celsius rated temperatures

Imprinted part number, temperature
and lot code across entire stick for improved traceability

100% Reliability

Calibration-free



Melts Instantly

Melts at designated temperature
for easy and immediate visual inspection

MADE IN USA

Tempilstik®

Fast, accurate surface temperature indicator



- Stick instantly melts at designated temperature for easy and immediate visual inspection
- Calibration-free with 100% reliability
- Comply with preheat temperature requirements of AWS D1.1, ASME Code Sec. I, III and VIII, ANSI/ASME Code B31.1 and B31.3
- Imprinted part number, temperature and lot code across entire stick for improved traceability
- Accurate to within +/-1% Fahrenheit and +/-3% Celsius rated temperatures

Applications:

- Preheating
- Annealing
- Stress relieving
- Interpass heat treatment
- Post heating

Surfaces: ***Case Quantity: 10*** MADE IN USA

PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C
28000	100	38	28026†	300	149	28341†	572	300
28300	104	40	28318†	302	150	28046†	575	302
28002	109	43	28027	306	152	28047†	600	316
28004	119	48	28319	311	155	28342†	608	320
28301†	112	50	28028	313	156	28048	650	343
28005†	125	52	28320†	320	160	28343	662	350
28302	131	55	28029	325	163	28049†	700	371
28303	140	60	28321	329	165	28050†	750	399
28006	150	66	28322	338	170	28345†	752	400
28304†	158	70	28030	344	173	28051†	800	427
28007†	163	73	28323†	347	175	28052	850	454
28305	167	75	28031†	350	177	28347†	860	460
28008	169	76	28324†	356	180	28053†	900	482
28009	175	79	28032	363	184	28349†	932	500
28306	176	80	28325	374	190	28055	950	510
28010†	182	83	28033	375	191	28056▲	1000	538
28307†	185	85	28326	383	195	28057	1022	550
28011†	188	87	28034	388	198	28350	1040	560
28308	194	90	28327	392	200	28058	1050	566
28012	200	93	28035	400	204	28059	1100	593
28309	203	95	28328	410	210	28351	1112	600
28013	206	97	28036	413	212	28060	1150	621
28310	212	100	28329	419	215	28352	1157	625
28014†	213	101	28037†	425	218	28061▲	1200	649
28015†	219	104	28330†	428	220	28062†	1250	677
28016	225	107	28331†	437	225	28355†	1292	700
28312	230	110	28332†	446	230	28063†	1300	704
28313	239	115	28039†	450	232	28064	1400	760
28314†	248	120	28333†	455	235	28065†	1450	788
28019†	250	121	28040	463	239	28066	1500	816
28020†	256	124	28041†	475	246	28067	1550	843
28315†	257	125	28336†	482	250	28068	1600	871
28021	263	128	28042†	488	253	28069	1650	899
28316	266	130	28043†	500	260	28070	1700	927
28022	269	132	28338	518	270	28072†	1800	982
28023	275	135	28044	525	274	28073	1900	1038
28317	284	140	28339	536	280	28074	1950	1066
28024†	288	142	28045	550	288	28075†	2000	1093
28025	294	146	28340†	554	290			

†⚠ **WARNING:** Cancer - www.P65Warnings.ca.gov

‡⚠ **WARNING:** Reproductive Harm - www.P65Warnings.ca.gov

▲⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.

*Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements

Tempilstik® Test Kit

Temperature indicator and reference kit

- 20 Tempilstik indicators systematically spaced between 125°F(52°C) and 800°F(427°C)
- Stick melts at designated temperature for easy and immediate visual inspection with +/-1% accuracy
- Calibration free with 100% reliability









Surfaces:  *Case Quantity: 20* MADE IN USA

PART NO.	DESCRIPTION	PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C
28600	Test Kit 20 Sticks	28005†	125	52	28019†	250	121	28033	375	191	28043†	500	260
		28306	150	66	28023	275	135	28035	400	204	28045	550	288
		28009	175	79	28026†	300	149	28037†	425	218	28047†	600	316
		28012	200	93	28029	325	163	28039†	450	235	28049†	700	371
		28016	225	107	28031†	350	177	28041†	475	246	28051†	800	427

TEMP-ALARM®

Temp-Alarm®

Time/Temperature Signaling Paint

- Paint will irreversibly transition colors within 5 minutes at stated temperature
- Permanent record for inspection and quality control
- Highly identifiable color change for improved monitoring
- Sold as each



Applications:

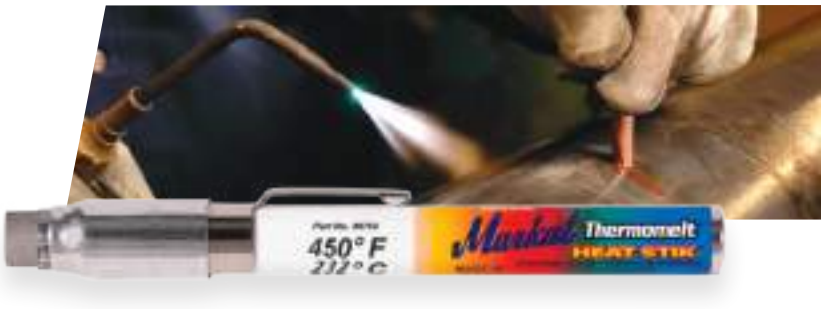
- Monitor erosion and breakdown of refractory linings
- Temperature profiles on engines
- Aluminum specialty gas cylinders
- Verifying heat treatment of parts

Surfaces:  MADE IN USA

PART NO.	°F	°C	SIZE
24601‡	310	154	1 gal.
24603▲	490	254	1 gal.

Thermomelt®

Accurate surface temperature indicating stick



- When the stick melts, the precise temperature is reached
- Long-lasting stick is 33% bigger than competition
- Accurate to within +/- 1% of Fahrenheit and +/- 3% Celsius rated temperatures; no need for sensor calibration
- Meets welding codes: AWS D1.1, ANSI/ASME Code B32.1 & B31.3, ASME Code Sec. I, III, and VII, NIST Traceable

Surfaces: **Case Quantity: 12** MADE IN USA

PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C
86400	100	38	86589	275	135	86769†	450	232
86436†	125	52	86625†	300	149	86787	475	246
86463	150	66	86661	325	163	86805	500	260
86481	175	79	86697†	350	177	86823	550	288
86517	200	93	86715	375	191	86841†	600	316
86526	213	101	86733†	400	204	86859	650	343
86544	225	107	86751	425	218	86868†	700	371
86562	250	121						

Certified Thermomelt®

Nuclear pre-certified



- Certified to meet the following U.S.A. and international specifications:
  - EDF PMUC
  - MIL - STD-2041D
  - U.S. DOE RDT F-7-3T (expired)
  - U.S. Navy C3070
- Engineered to meet:
  - 200 ppm total halogens
  - 250 ppm each low melting point metals
  - 300 ppm total low melting point metals
  - 200 ppm sulfur
- Individual lot analysis and certification available at www.markal.com for quick, accurate reference

Surfaces: **Case Quantity: 12** MADE IN USA

PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C
89100*	100	38	89275*	275	135	89450*†	450	232
89125*†	125	52	89300*†	300	148	89475*	475	246
89150*	150	66	89325*	325	163	89500*	500	260
89175*	175	79	89350*†	350	177	89525*	525	274
89200*	200	93	89375*	375	191	89550*	550	288
89225*	225	107	89400*†	400	204	89650*	650	343
89250*	250	121	89425*	425	218			

†⚠ **WARNING:** Cancer - www.P65Warnings.ca.gov

*Indicates that this marker color is low in chlorides, halogens, and sulfurs for low corrosion marking requirements

Tempilaq® Advanced

Temperature Indicating Liquid



- Easy application with quick-dry formula on horizontal and vertical surfaces
- Melts at designated temperature leaving a noticeably different mark
- Excellent accuracy within +/- 1%
- Only use Tempilaq Advanced Green Label Thinner to dilute or replace evaporated solvent

Surfaces:

MADE IN USA

2 oz BOTTLES						1 QUART BOTTLES		
PART NO.	°F	°C	PART NO.	°F	°C	PART NO.	°F	°C
24405†	300	149	24424†	800	427	24565†	1100	593
24407†	325	163	24425†	850	454	24566†	1150	621
24408†	350	177	24426†	900	482	24567†	1200	649
24410†	375	191	24427†	950	510			
24411†	400	204	24428†	1000	538			
24413†	450	232	24431†	1100	593			
24414†	475	246	24432†	1150	621			
24416†	500	260	24433†	1200	649			
24421†	650	343	24435†	1300	704			
24422†	700	371	24438†	1500	816			
24423†	750	399	24597	Green Label Thinner†				

†⚠ **WARNING:** Cancer - www.P65Warnings.ca.gov

IRT-16

Infrared Thermometer



- Sensitive 16:1 distance to spot ratio with laser pointer for improved accuracy
- Excellent accuracy within +/- 2%
- Four-digit back lit dual display ideal for low-light areas
- Min/Max/Avg and differential temperature mode available
- Built-in jack for K-Type thermocouple probe

-76°F TO 1157°F

Surfaces:

PART NO.	DESCRIPTION
24200	IRT-16
24202	K-Probe Thermocouple



SPECIALTY COATINGS

Tempil's brand of specialty chemicals not only withstand use in some of the world's toughest environments, they can offer added efficiency, protection, and value that other primers and paints can't.

Bloxide®



Bloxide is a versatile, rust-preventive, weldable primer with a unique formula that can be applied to a wide range of metals, preventing the formation of rust and corrosion during extended periods of storage. Bloxide eliminates the need to clean metal surfaces before welding due to its enhanced corrosion preventative features, thus saving time and labor costs during fabrication. Bloxide is a completely weldable primer, also improving the weld quality after application, resulting in X-Ray quality welds.

Weldable Primer

- Ideal for extended periods of outside steel storage
- Ability to strike welding arc without removal
- Can be sprayed, brushed or parts can be dipped into it.

Applications:

- Marine and offshore metal fabrication
- Almost all steels
- Primer for paints and coatings

UP TO 800°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
24100†	1 Gallon	4
24101†	55 Gallon	Drum
24102†	5 Gallon	Pail
24104†	12 oz Aerosol Can (available in U.S. only)	12

Pyromark®



Pyromark is a silicone-based coating that is specifically formulated for protecting, decorating or color identifying metal surfaces that will be subjected to high temperatures. Pyromark provides long-lasting protection against oxidation and corrosion, and has excellent coverage characteristics with no blistering, chipping, cracking or peeling at rated temperatures.

High Temperature Paint

- Silicone-based coating for long-lasting protection against oxidation and corrosion
- Improves heat transfer in infrared heating applications due to high emissivity properties
- Solar absorptivity of 0.95 makes it an ideal black box absorber
- Only use Pyromark® Thinner to dilute or replace evaporated solvent

Applications:

- Solar Absorbers
- Infrared Heaters/Boilers/Furnaces Ovens/ Fireplace Accessories Mufflers/boat and auto engines
- Radiators/Stoves

1000° TO 2000°F

Surfaces:

MADE IN USA

1000°F (538°C)					2000°F (1093°C)				
PART NO.	DESCRIPTION	SIZE	COLOR	CASE QUANTITY	PART NO.	DESCRIPTION	SIZE	COLOR	CASE QUANTITY
25002†	Series 1200	1 gal	Flat Black	1	25010†	Series 2500	1 gal	Flat Black	1
25001†	Series 1200	5 gal	Flat Black	Pail					
25021†	Series 1200	5 gal	Flat Black	Pail					

†⚠ **WARNING:** Cancer - www.P65Warnings.ca.gov

TEMPERATURE INDICATING LABELS

An economical temperature indication solution that can be easily applied to almost any surface for later monitoring, making it ideal for preventative maintenance, logistics, quality control, manufacturing, and many other applications.



Series 4 Tempilabel®

Four-Level, Irreversible

- Four temperature readings per label for max/min application
- Excellent accuracy to +/- 2% of the Fahrenheit rating
- Permanent record for inspection and quality control
- Calibration-free
- Oil, water and steam-resistant



Label size: 45mm x 23mm

Surfaces:

PART NO.	TEMPERATURE RANGE					QUANTITY	PART NO.	TEMPERATURE RANGE					QUANTITY
26700	°F	100	110	120	130	10 Pack	26706	°F	125	150	175	200	10 Pack
	°C	38	43	49	54			°C	52	66	79	93	
26709	°F	120	130	140	150	10 Pack	26707	°F	100	150	200	250	10 Pack
	°C	49	54	60	66			°C	38	66	93	121	
26701	°F	130	140	150	160	10 Pack	26708	°F	200	250	300	350	10 Pack
	°C	54	60	66	71			°C	93	121	149	177	
26702	°F	170	180	190	200	10 Pack	26750	°F	100	110	120	130	Roll of 500
	°C	77	82	88	93			°C	38	43	49	54	
26703	°F	190	200	210	220	10 Pack	26751	°F	170	180	190	200	Roll of 5000
	°C	88	93	99	104			°C	77	82	88	93	
26705	°F	330	340	350	360	10 Pack	26752	°F	200	250	300	350	Roll of 500
	°C	166	171	177	182			°C	93	121	149	177	

Series 21 Tempilabel®

Single-Level, Irreversible

- Excellent accuracy to +/- 2% of the Fahrenheit rating
- Single-way color change
- Permanent record for inspection and quality control
- Calibration-free
- Oil, water and steam-resistant



Label size: 13mm x 12mm

Surfaces:

PART NO.	TEMPERATURE		QUANTITY	PART NO.	TEMPERATURE		QUANTITY	PART NO.	TEMPERATURE		QUANTITY
26250	100 °F	38 °C	210 Pack	26259	190 °F	88 °C	210 Pack	26266	260 °F	127 °C	210 Pack
26275	100 °F	38 °C	Roll of 1,000	26283	190 °F	88 °C	Roll of 1,000	26289	260 °F	127 °C	Roll of 1,000
26251	110 °F	43 °C	210 Pack	26260	200 °F	93 °C	210 Pack	26267	270 °F	132 °C	210 Pack
26276	110 °F	43 °C	Roll of 1,000	26284	200 °F	93 °C	Roll of 1,000	26290	270 °F	132 °C	Roll of 1,000
26252	120 °F	49 °C	210 Pack	26261	210 °F	99 °C	210 Pack	26268	280 °F	138 °C	210 Pack
26277	120 °F	49 °C	Roll of 1,000	26285	210 °F	99 °C	Roll of 1,000	26291	280 °F	138 °C	Roll of 1,000
26254	130 °F	54 °C	210 Pack	26262	220 °F	104 °C	210 Pack	26269	290 °F	143 °C	210 Pack
26278	130 °F	54 °C	Roll of 1,000	26286	220 °F	104 °C	Roll of 1,000	26292	290 °F	143 °C	Roll of 1,000
26255	140 °F	60 °C	210 Pack	26263	230 °F	110 °C	210 Pack	26270	300 °F	149 °C	210 Pack
26279	140 °F	60 °C	Roll of 1,000	26287	230 °F	110 °C	Roll of 1,000	26293	300 °F	149 °C	Roll of 1,000
26256	160 °F	71 °C	210 Pack	26264	240 °F	116 °C	210 Pack	26271	400 °F	204 °C	210 Pack
26280	160 °F	71 °C	Roll of 1,000	26295	240 °F	116 °C	Roll of 1,000	26294	400 °F	204 °C	Roll of 1,000
26257	170 °F	77 °C	210 Pack	26265	250 °F	121 °C	210 Pack	26272	500 °F	260 °C	210 Pack
26258	180 °F	82 °C	210 Pack	26288	250 °F	121 °C	Roll of 1,000	26296	500 °F	260 °C	Roll of 1,000
26282	180 °F	82 °C	Roll of 1,000								

Tempilabel® Reversible

Reversible Temperature

- Excellent accuracy of +/- 2% of the Fahrenheit rating
- LCD technology for real-time, accurate readings as temperature fluctuates
- Calibration-free
- Oil, water and steam-resistant



Label size: 13mm x 4mm

Surfaces:

MADE IN USA

PART NO.	TEMPERATURE RANGE								QUANTITY
26901	°F	86	95	104	113	122	131	140	10 Pack
	°C	30	35	40	45	50	55	60	
26903	°F	140	149	158	167	176	185	194	10 Pack
	°C	60	65	70	75	80	85	90	

Thermax®

Irreversible Temperature Indicating Strip Labels

- Multiple and single temperature configuration available
- Excellent accuracy to +/- 2% of the Fahrenheit rating
- Single-way color change
- Permanent record for inspection and quality control
- Calibration-free
- Oil, water and steam-resistant



5 Level

Label size: 39mm x 18mm

Surfaces:

MADE IN USA

PART NO.	TEMPERATURE RANGE						QUANTITY
26518	°F	99	104	109	115	120	10 Pack
	°C	37	40	43	46	49	
26519	°F	120	129	140	149	160	10 Pack
	°C	49	54	60	65	71	

8 Level

Label size: 51mm x 18mm

PART NO.	TEMPERATURE RANGE									QUANTITY
26803	°F	106	171	180	190	199	210	219	230	10 Pack
	°C	71	77	82	88	93	99	104	110	

10 Level

Label size: 18mm x 1mm

PART NO.	TEMPERATURE RANGE											QUANTITY
26101	°F	99	104	111	115	120	129	140	144	149	160	10 Pack
	°C	37	40	44	46	49	54	60	62	65	71	

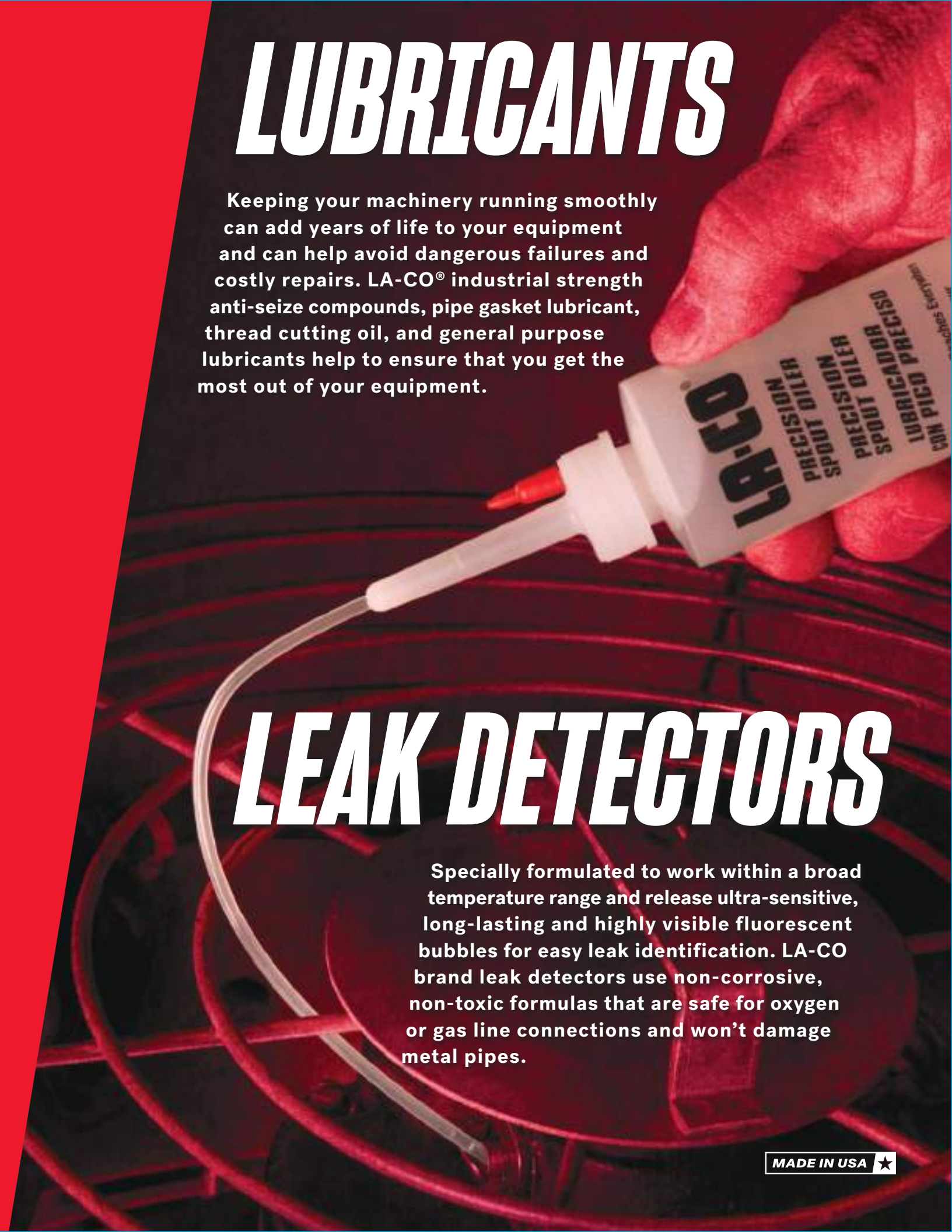
Proudly made in the USA for over 89 years, workers have trusted LA-CO® to get the job done. LA-CO® has what quality control and maintenance workers need. We offer products for all kinds of jobs, from specialty fluxes for all metals to sealing high-pressure systems with our thread sealants. When your job is on the line, make sure you have the best materials for the job.



LA-CO®

LUBRICANTS

Keeping your machinery running smoothly can add years of life to your equipment and can help avoid dangerous failures and costly repairs. LA-CO® industrial strength anti-seize compounds, pipe gasket lubricant, thread cutting oil, and general purpose lubricants help to ensure that you get the most out of your equipment.



LEAK DETECTORS

Specially formulated to work within a broad temperature range and release ultra-sensitive, long-lasting and highly visible fluorescent bubbles for easy leak identification. LA-CO brand leak detectors use non-corrosive, non-toxic formulas that are safe for oxygen or gas line connections and won't damage metal pipes.

MADE IN USA ★

LUBRICANTS

Lubri-Joint®

Water dispersible gasket lubricant

- FBC System Compatible
- Ideal for lubricating rubber gaskets, promoting proper expansion, and ensuring correct fit
- Suitable for all types of pipelines, including PVC and soil pipe, so only one brand of gasket lubricant is needed

Certified to NSF/ANSI 61-G

FBC SYSTEM COMPATIBLE



Surfaces:

MADE IN USA

PART NO.	SIZE	CASE QUANTITY
78713	1 qt.	12

Cutting Oil

For hand tools and high-speed thread cutting machines

- Two cutting oils in one, eliminating the need for multiple cutting oils for lowspeed and high-speed thread cutting
- Combines the best properties of dark and light cutting oils with sulfur and other additives to provide superior heat protection for costly cutting dies



Surfaces:

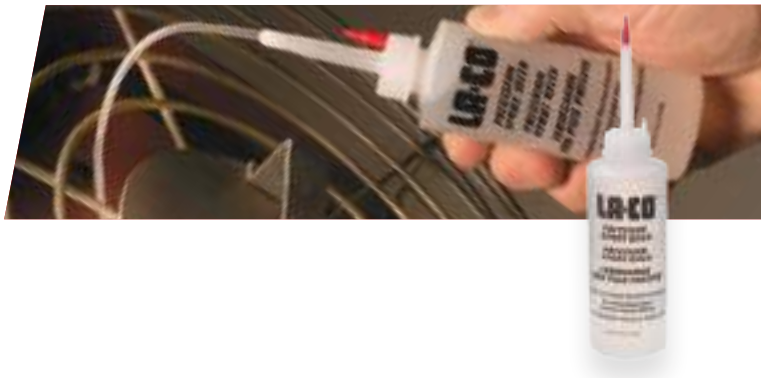
MADE IN USA

PART NO.	SIZE	CASE QUANTITY
73414	1 gal.	6

Precision Spout® Oiler

General purpose lubricating oil

- Special telescoping spout lubricates hard-to-reach areas up to 14" away
- Premium grade oil is excellent for all general purpose lubricating



PART NO.	SIZE	CASE QUANTITY
79704	4 fl. oz.	24

Plasto-Joint Stik® Not to use on oxygen system service

Plastic thread sealant in a stick

- Designed for superior sealing of plastic pipe threads
- Pressures: 300 PSI (20 BAR) for gas; 500 PSI (34 BAR) for liquid



UP TO 250°F

UPC®

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
11775	Plasto-Joint Stik	24

LEAK DETECTORS

EZ BREAK® Copper and Nickel Grade

Anti-seize compound

- EZ BREAK Copper is approved for use in food processing plants
- Lubricates and protects nuts and bolts, making disassembly easy, even after years of service
- Resists galling, rust and corrosion so your metal parts won't "freeze up"



COPPER — UP TO 1800°F

NICKEL — UP TO 2600°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	GRADE	CASE QUANTITY	PART NO.	DESCRIPTION	GRADE	CASE QUANTITY	PART NO.	DESCRIPTION	GRADE	CASE QUANTITY
08907	16 oz. Brush-in-cap	COPPER	24	08916	14 oz. Aerosol	COPPER	12	08971	8 oz. Brush-in-cap†	NICKEL	24
08910	10 oz. Brush-in-cap	COPPER	24	08969	425 lbs.	COPPER	Drum	08972	16 oz. Brush-in-cap†	NICKEL	24

sure chek®

Sure-chek®

Leak detector spray

- Handy spray bottle allows for easy, targeted application
- Ultra-sensitive long lasting bubbles for easy leak identification
- Non-corrosive, non-toxic, safe for oxygen



-55°F TO 200°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
32850	1 pt.†	24

VISU-GLOW®

Visu-Glow®

High-visibility leak detector

- Built-in dauber and high viscosity allow for easy application
- Highly-visible fluorescent color shows brightly, even in dimly lit places
- Non-corrosive, non-toxic, safe for oxygen



15°F TO 200°F

Surfaces:

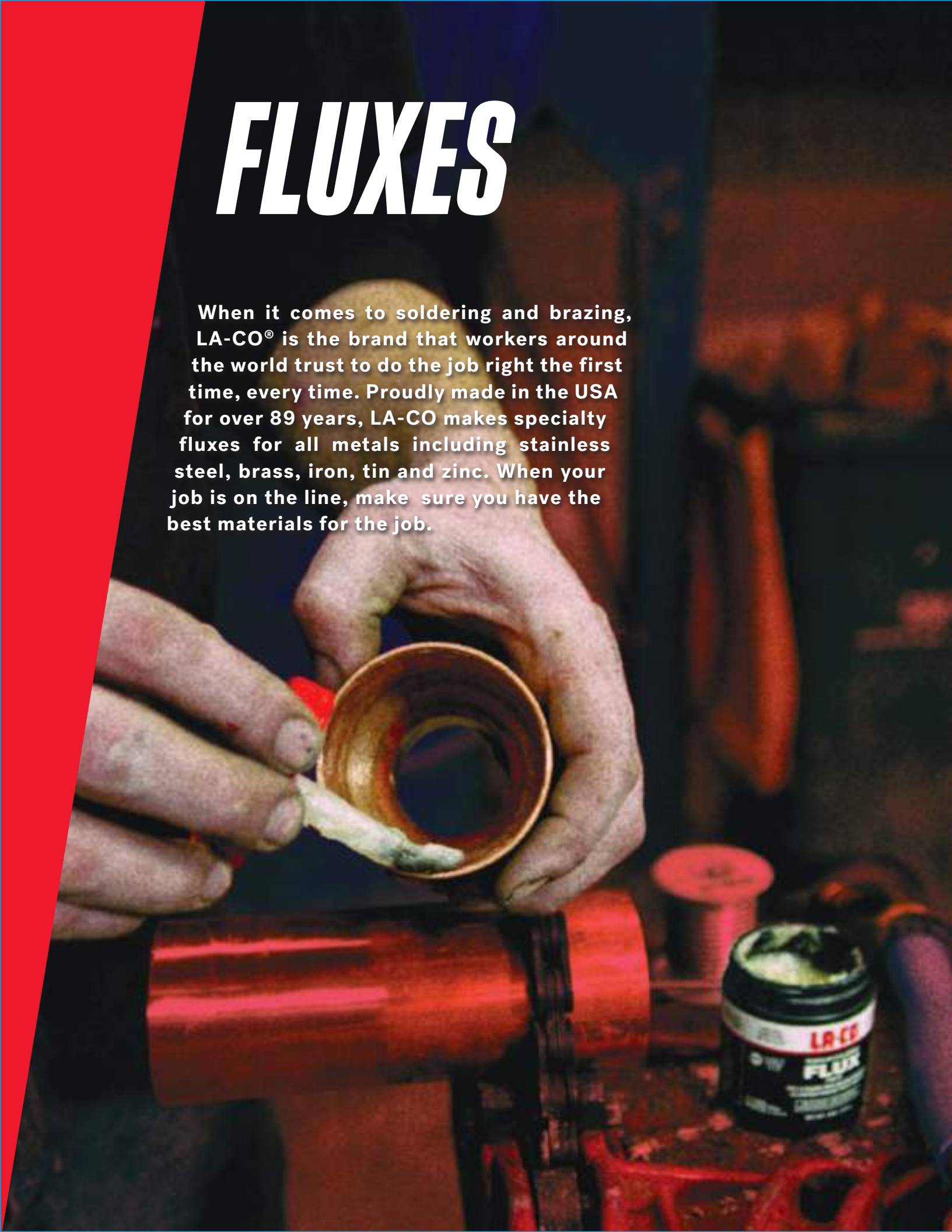
MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
32898	8 fl. oz. with dauber †	24

†⚠ **Warning:** This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

FLUXES

When it comes to soldering and brazing, LA-CO® is the brand that workers around the world trust to do the job right the first time, every time. Proudly made in the USA for over 89 years, LA-CO makes specialty fluxes for all metals including stainless steel, brass, iron, tin and zinc. When your job is on the line, make sure you have the best materials for the job.



FLUX

Regular Flux Paste



Soldering flux for copper

- Water-soluble paste won't leave residue in water piping
- Meets industry standard ASTM B813 and contains no zinc chloride to reduce corrosion concerns
- Non-acid, non-toxic, and lead-free to eliminate safety concerns

UP TO 350°F

Certified to NSF/ANSI 61-G

WRAS APPROVED MATERIAL

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
22101	2 oz.	48	22107	1 lb.	24
22104	4 oz.	48	22194	4 oz. Brush-in-cap	48

"M-A" Flux Liquid*



Stainless steel flux liquid

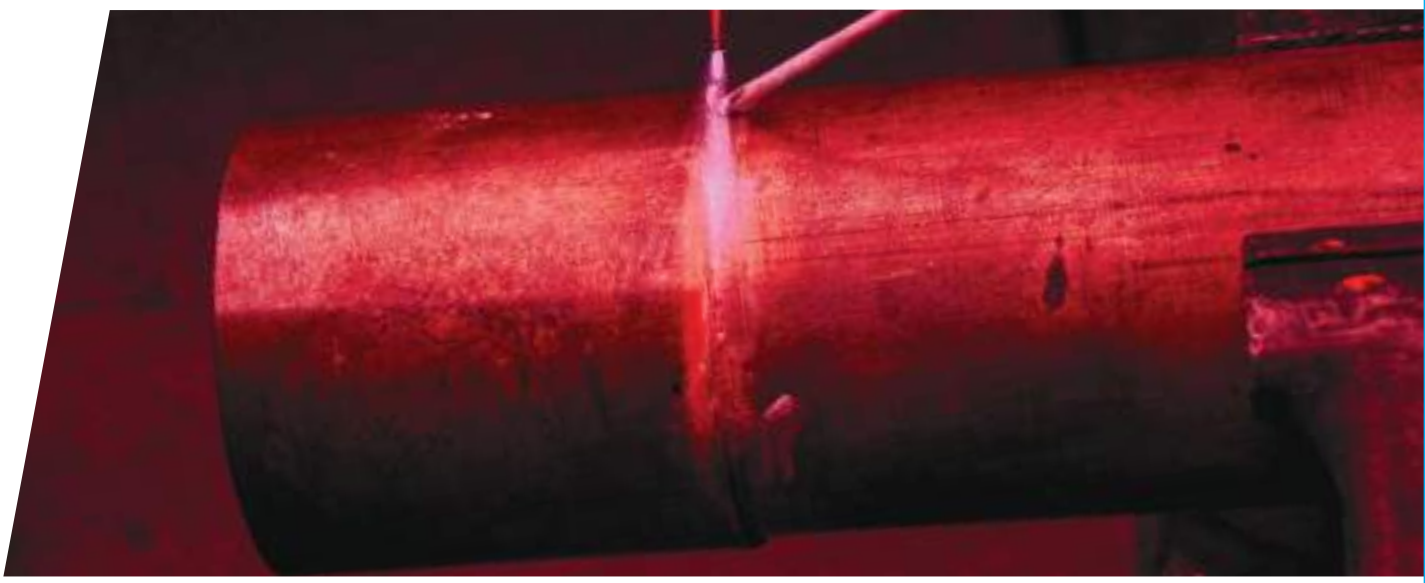
- Fast-fluxing action for stainless steel and chrome
- Contains no heavy metal chlorides, preventing potential flux damage

UP TO 350°F

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
23913	1 qt.	12

*Do not use on potable water tubing



HEAT BARRIERS

Whether soldering, brazing, or welding, heat can cause significant damage to sensitive materials, components, or surrounding areas. These excessive temperatures cannot only damage items in a work area, but can also create both health and safety hazards. Heat barrier products are specially designed to withstand these brutal temperatures when other materials can’t to keep your jobsite productive, safe, and free of damage.

Cool Gel®

Heat barrier spray

- Protects lead free valves during soldering
- Reduces the threat of costly heat damage to rubber seals and gaskets
- Protects painted and finished surfaces from discoloration due to torch heat
- Safe, non-toxic, harmless to skin, and odorless



Surfaces:

MADE IN USA

PART NO.	SIZE	CASE QUANTITY	PART NO.	SIZE	CASE QUANTITY
11509	1 qt.	12	11513	1 pt.	24

Bloc-It®

Heat-absorbing paste

- Absorbs heat effectively, protecting adjoining surfaces from heat damage
- Safe, non-toxic, no asbestos, harmless to skin, and odorless
- Easy application and cleanup; non-staining



Surfaces:

MADE IN USA

PART NO.	SIZE	CASE QUANTITY
11511	10 oz.	24

Anti-heat®

Heat-absorbing compound

- Absorbs and dissipates heat to eliminate damage and discoloration
- Prevents heat migration through metal surfaces
- Non-toxic and non-hazardous
- Asbestos-free and odorless



Surfaces:

MADE IN USA

PART NO.	SIZE	CASE QUANTITY
24003	12 oz. Tube	1



REPAIR SEALANTS

What may seem like simple repairs, such as cracking or holes, can create dangerous equipment failures and severe safety issues for everyone on a jobsite. To get your machinery and equipment back up and running safely and quickly, LA-CO's repair sealants offer a quick fix for hundreds of situations. These epoxy sealants are easy to apply, fast to cure, and offer a safe and effective temporary repair.

HEAT SEAL STIK®

Heat Seal Stik®



Premixed epoxy sealer

- Pressure: to 600 PSI (41 BAR)
- Repair pinhole leaks and get refrigeration system running again without having to replace an entire appliance
- No mixing of epoxy compounds, heat activation saves time on the job

UP TO 350°F

NSF Certified to NSF/ANSI 61-G

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
11575	Heat-Seal Stik	12	11577	Carded	12

EPOXY-STIK™

Epoxy-Stik™



No mixing of epoxy compounds, heat activation saves time on the job

- Hardens in 5-10 minutes and cures fully in 24 hours, enabling the system to be up and running again in no time
- Can be applied under water for submerged pipe leaks

UP TO 250°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
19571	Epoxy-Stik	24

Oyltite-Stik®

Oyltite-Stik®



Epoxy repair compound for low pressure equipment

- Pressure to 15 PSI (1 BAR)
- Stops leaks fast for temporary repair of oil and gasoline leaks
- Apply directly to the fuel tank without draining, less time is spent stopping the leak

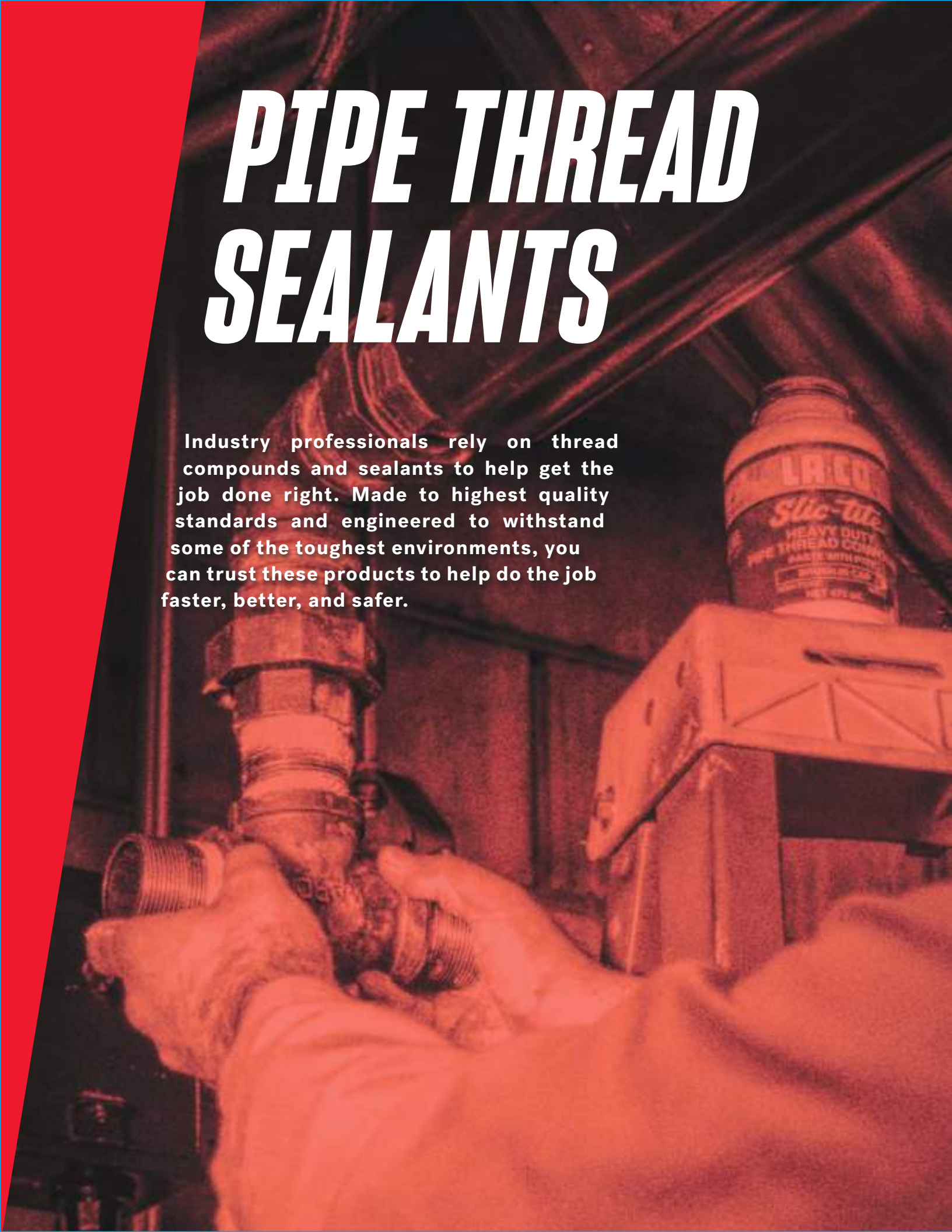
Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
11475	Oyltite-Stik	24

PIPE THREAD SEALANTS

Industry professionals rely on thread compounds and sealants to help get the job done right. Made to highest quality standards and engineered to withstand some of the toughest environments, you can trust these products to help do the job faster, better, and safer.



Slic-Tite® Stik with PTFE

Premium thread sealant in a stick

- Pressures: 500 PSI (34 BAR) for gas; 5,000 PSI (340 BAR) for liquid
- Contains PTFE particles for greater sealing power
- Safe, non-toxic, non-drying
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape



17mm | -50°F TO 350°F | UPC | NSF Certified to NSF/ANSI 61-G

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
41600	White	24

Slic-Tite® Paste with PTFE

Heavy-duty pipe thread compound

- Contains PTFE for greater sealing power
- Pressures: 3,000 PSI (204 BAR) for gas; 10,000 PSI (680 BAR) for liquid
- Can be used on a variety of metals and plastic, eliminating the need for any other thread sealant
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape



-50°F TO 500°F | NSF Certified to NSF/ANSI 61-G | FBC SYSTEM COMPATIBLE | CLASSIFIED UL US | CSA US

Surfaces:

MADE IN USA

PART NO.	SIZE	CASE QUANTITY	PART NO.	SIZE	CASE QUANTITY	PART NO.	SIZE	CASE QUANTITY
42009	1/4 pt. Brush-in-cap	24	42029	1 pt. Brush-in-cap	24	42014	1 gal.	4
42019	1/2 pt. Brush-in-cap	24	42013	1 qt.	12	42015	5 gal.	Pail
42012	1 pt.	24	42049	1 qt. Brush-in-cap	12	42069	55 gal.	Drum

Slic-Tite® PTFE Pipe Thread Tape

Premium grade, high density thread seal tape

- Pressure: to 10,000 PSI (690 BAR)
- 3 mils thick and made with PTFE for greater sealing power
- Non-toxic
- Yellow for gas line usage - Pink for water line usage



-450°F TO 550°F | UPC

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
44082	1/2" x 300"	12	44084	1/2" x 1200"	12	44086	3/4" x 600"	12	44095	1/2" x 260"	12
44083	1/2" x 600"	12	44085	3/4" x 300"	12	44094	1/2" x 260"	12			

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

T-O-T®

Pipe thread compound



- Pressures: 350 PSI (24 BAR) for gas; 500 PSI (34 BAR) for liquid
- No-drip siliconized formula for fast application on metal threads
- Lead-free, non-toxic, no V.O.C.'s
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape

UP TO 350°F | Certified to NSF/ANSI 61-G

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
12219	1/2 pt. Brush-in-cap	24

PIPETITE™

Pipetite™ Paste

Soft set pipe thread compound



- Pressures: 2,600 PSI (177 BAR) for gas; 5,000 PSI (340 BAR) for liquid
- No V.O.C.'s
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape

UP TO 400°F | Certified to NSF/ANSI 61-G | US

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
12109	1/4 pt. Brush-in-cap	24	12110	1/2 pt. Brush-in-cap	24

Pipetite-Stik®

Thread sealant in a stick



- Pressures: 350 PSI (24 BAR) for gas; 2,000 PSI (136 BAR) for liquid
- Safe, non-toxic, non-drying
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape

UP TO 350°F | Certified to NSF/ANSI 61-G | CLASSIFIED UL US

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
11175	Standard Size: 1-1/4 oz.	144	11176	King Size: 4 oz.	72

LEAK-TITE® BLUE

Leak-Tite® Blue

Economical thread sealant with PTFE

- Pressures: 1,500 PSI (102 BAR) for gas; 5,000 PSI (340 BAR) for liquid
- Contains PTFE particles for greater sealing power will not harden or dry out over time, remaining flexible for easy disassembly
- Will not harden or dry out over time, remaining flexible for easy disassembly
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape



-50°F TO 500°F

NSF Certified to NSF/ANSI 61-G

FBC SYSTEM COMPATIBLE

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
46009	1/4 pt. Brush-in-cap	24

OXYTITE®

Oxy-Tite®

Pipe thread sealant for oxygen systems

- Pressures: 2,600 PSI (180 BAR) for oxygen gas
- PTFE thread sealant specifically formulated for oxygen services
- No V.O.C.'s



-320°F TO 450°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY
42805	4 oz.	6

Pipe Thread Tape of PTFE

Economy grade

- Pressure: to 10,000 PSI (690 BAR)
- 3 mils thick and made with PTFE for effective sealing power
- Non-toxic



-450°F TO 550°F

Surfaces:

MADE IN USA

PART NO.	DESCRIPTION	CASE QUANTITY	PART NO.	DESCRIPTION	CASE QUANTITY
44071	☐ 1/2" x 260"	144	44075	☐ 3/4" x 520"	144
44072	☐ 1/2" x 520"	144	44078	☐ 1" x 520"	144

MARKAL®

Introducing Markal® Plus Series!

Premium performance items are joining our new "Plus (+) Series" product line. These highly engineered tools are designed to perform in specific applications and environments.



PLUS SERIES

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