

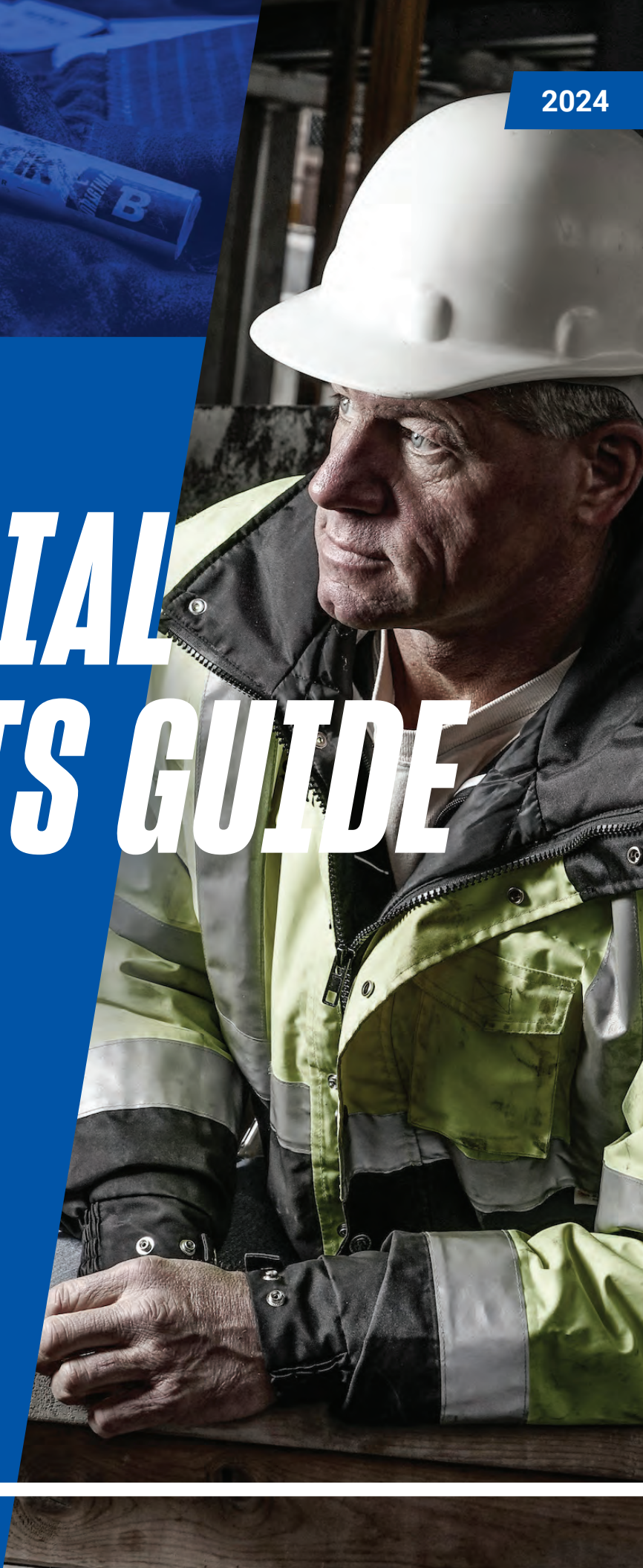


INDUSTRIAL PRODUCTS GUIDE

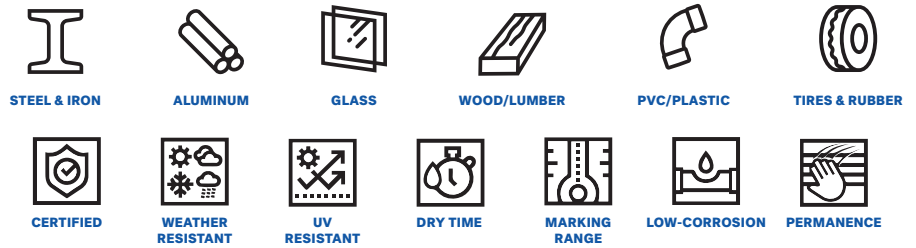
LA·CO®

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

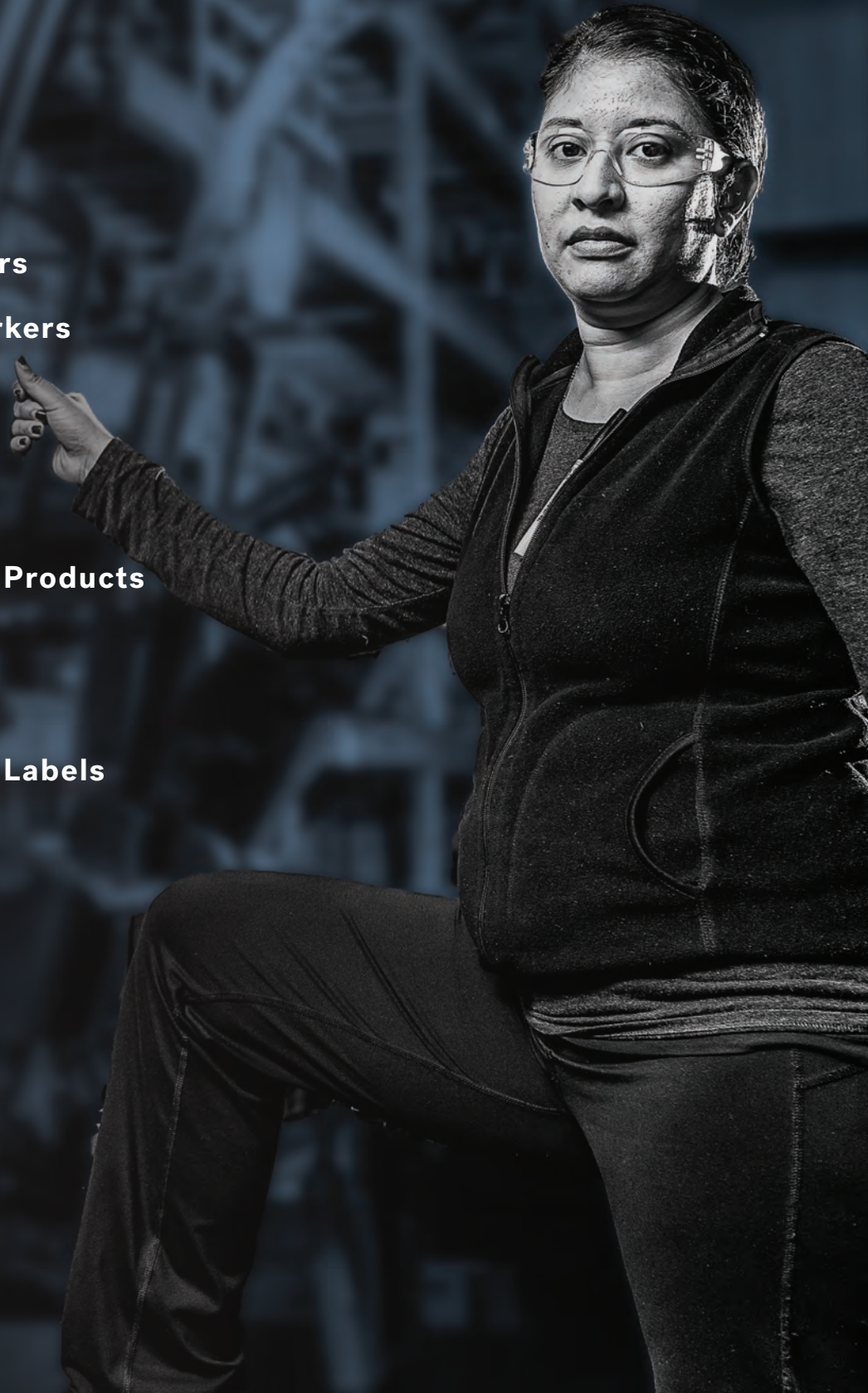
- Liquid Paint Markers**
- Ink Markers**
- Solid Paint Markers**
- Hot Surface Markers**
- General Purpose Markers**
- Lumber and Timber Markers**
- Welding Markers**

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 90 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®



PAINTER

LIQUID PAINT MARKER

WATER BASED

MARKAL

PAINT-RITER®

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



Case Quantity: 48

Surfaces:

MADE IN USA ★

| 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* |
| 96817 | Purple* | 96822 | Red* | 96825 | Blue* | 96828 | Light Green* | 96835 | Light Blue* |
| 96820 | White* | 96823 | Black* | 96826 | Green* | 96830 | Pink* | 97050 | Fluor. Yellow† |
| 97051 | Fluor. Green† | 97052 | Fluor. Orange† | 97053 | Fluor. Pink† | | | | |
| 96078 | Cylinder Display - Includes: <input type="checkbox"/> White* (12) / <input type="checkbox"/> Yellow* (12) / <input type="checkbox"/> Black* (12) | | | | | | | | |

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



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



Case Quantity: 48

Surfaces:

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

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 | PART NO. | DESCRIPTION | 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 | 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 | PART NO. | DESCRIPTION | 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



Case Quantity: 48

Surfaces: 

MADE IN USA ★



| PART NO. | DESCRIPTION | | |
|----------|-------------|-------|--------|
| 84620 | White* | 84623 | Black* |
| 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



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 |
| 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 | <input type="checkbox"/> White / 2mm |
| 96652 | <input type="checkbox"/> White / 3mm 96653 <input checked="" type="checkbox"/> Yellow / 3mm |
| 96664 | <input type="checkbox"/> 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:



| PART NO. | DESCRIPTION |
|----------|---------------------------------------|
| 97160 | <input type="checkbox"/> 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®+

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

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



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



Case Quantity: 48

Surfaces:

PLUS SERIES

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96880 | White* |
| 96881 | Yellow* |
| 96882 | Red* |
| 96883 | Black* |
| 96884 | Blue* |
| 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



Case Quantity: 48

Surfaces:

PLUS SERIES

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96892 | White* |
| 96893 | Yellow* |
| 96894 | Red* |
| 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: I



| 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: I



| 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: I



| 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.



Case Quantity: 48

Surfaces:



MADE IN USA ★

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

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



Case Quantity: 48

Surfaces:



MADE IN USA ★

| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION | 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



Case Quantity: 48

Surfaces:



MADE IN USA ★

| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION | 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)



Case Quantity: 48

Surfaces:



PLUS SERIES

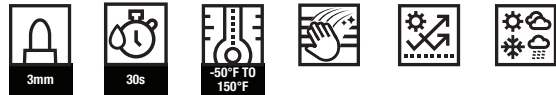
MADE IN USA ★

| 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



Case Quantity: 48

Surfaces:



PLUS SERIES

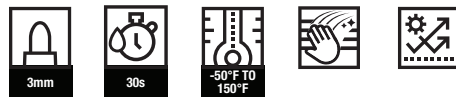
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|------------------------|
| 97010 | □ White 97013 ■ Black† |
| 97011 | ■ Yellow |
| 97012 | ■ Red 97015 ■ Blue |
| | 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



Case Quantity: 48

Surfaces:



PLUS SERIES

MADE IN USA ★

| 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

PERMANENT

REMOVABLE

| | Paint-Riter® Valve Action® | Paint-Riter® Water-Based | Paint-Riter® Window Marker | Paint-Riter® Fine | Paint-Riter® JUMBO | Security Check Paint Marker | Paint-Riter® Metal Ball Tip | Paint-Riter® Pump Metal Tip | Stylmark® | Stylmark®+ Low Corrosion |
|--------------------------------------|-------------------------------|-----------------------------|-------------------------------|----------------------|-----------------------|--------------------------------|--------------------------------|--------------------------------|-----------|-----------------------------|
| 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 | — | — | — | — | — | — | ■ | ■ | ■ | — |
| Metals | | | | | | | | | | |
| Clean, Dry | — | — | ■ | — | — | — | — | — | — | — |
| Galvanizing | — | — | ■ | — | — | — | — | — | — | — |
| Plastics | | | | | | | | | | |
| Clean, Dry | — | — | ■ | — | — | — | — | — | — | — |
| Glass, Ceramic | | | | | | | | | | |
| Clean, Dry | — | — | ■ | — | — | — | — | — | — | — |

■ Primary Selection ■ Secondary Selection

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

Preferred for their ability to immediately mark and dry on almost any type of surface, felt-tip ink markers can be found on almost any job site, in any factory, or throughout warehouses and shipping departments around the world. Our DURA-INK® family of ink markers offers the best combination of performance, durability and value.

MARKAL®



DURA-INK
PERMANENT INK MARKER

FINE LINE

DURA-INK®

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



Case Quantity: 24

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



Case Quantity: 72
Silver Case Quantity: 48

Surfaces:

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

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



Case Quantity: 24

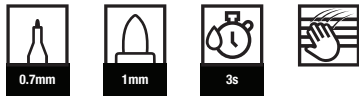
Surfaces:

| 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



Case Quantity: 72

Surfaces:

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96282 | Red |
| 96283 | Black |

DURA-INK® Dual Color

Conveniently switch between colors for the perfect mark in your application

- Easily write on bright or dark metals with one marker
- Nesting ribbed caps snap into each other to prevent loss and resist rolling off table or workbench
- Tough bullet nib resists spreading or mushrooming and is durable to mark on almost any surface



Case Quantity: 72

Surfaces:

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96330 | Black & Red |
| 96331 | Green & Red |

DURA-INK® Controlled Flow

Valve-actuated tip provides on-demand ink

- Valve-actuated tip releases ink when needed and reduces tip dryout
- The strong metal barrel and clip-cap reduce breakage
- Extra-tough tip will not spread or mush, providing longer marking life



Case Quantity: 48

Surfaces:

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96923 | Black† |

† **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® Dry Erase

Erasable ink marker

- Temporary marks are easily removed from most non-porous surfaces without ghosting or leaving a residue
- Larger ink supply outwrites conventional ink markers
- Opaque ink formula for bold marks



Case Quantity: 48

Surfaces:

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

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 |
| 96529 | Black |
| 96530 | Blue |
| 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: I

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

DURA-INK® Fine Cylinder Display

Convenient, Ready-To-Sell POS Solution

- DURA-INK® Fine is a permanent ink marker with a fine bullet tip that uses industrial-strength ink which is smear and water-resistant for longer lasting marks. Ready-to-sell display is prefilled with product for fast and easy setup.



Quantity: 1 (Contains 72 Markers)

Surfaces: I

| PART NO. | DESCRIPTION |
|----------|---|
| 96028 | Cylinder Display filled with 72 ■ 96023 Black |

Universal Cylinder Display

Empty display fits all Markal® ink and liquid paint markers.

- Display your choice of industrial-grade marker or mix and match with this empty cylinder display that depicts a variety of our most popular products.



Quantity: 1

| PART NO. | DESCRIPTION |
|----------|------------------------|
| 96021 | Empty Cylinder Display |

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: I 



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: I   



| PART NO. | DESCRIPTION |
|----------|-------------|
| 96301 | ■ Pink |
| 96302 | ■ Blue |
| 96303 | ■ Green |

DURA-INK[®]+ Easy Off Water & Detergent

Removable temporary ink is easily removed with water or detergent

- 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



Soft nib won't scratch surfaces



Case Quantity: 48

Surfaces: I   



MADE IN USA ★

| WATER | | | DETERGENT | | |
|----------|-------------|-------|----------------------|-------------|----------------------|
| PART NO. | DESCRIPTION | | PART NO. | DESCRIPTION | |
| 96310 | □ White | 96313 | ■ Black [†] | 96320 | □ White |
| 96311 | ■ Yellow | 96315 | ■ Blue | 96321 | ■ Yellow |
| 96312 | ■ Red | 96316 | ■ Green | 96322 | ■ Red |
| | | | | 96323 | ■ Black [†] |
| | | | | 96325 | ■ Blue |
| | | | | 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



MARKAL
DURA-INK
PERMANENT INK MARKER
CHISEL 55

57

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[®]



MARKER

PAINTSTIK

SOLID PAINT MARKER

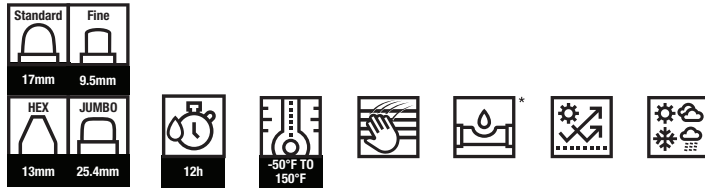
ORIGINAL

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 ▼ Case Quantity: 72

Surfaces:

MADE IN USA ★

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

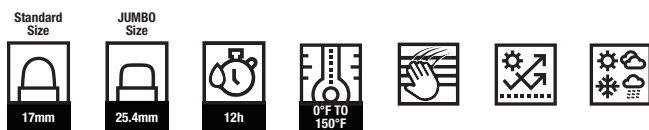
MADE IN USA ★

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

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 | <input type="checkbox"/> White |
| 51123 | <input type="checkbox"/> Black |
| 51131 | <input type="checkbox"/> 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 ★

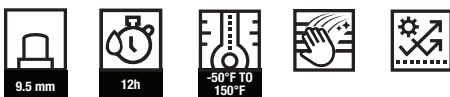


| PART NO. | DESCRIPTION |
|----------|--------------------------------|
| 82120 | <input type="checkbox"/> White |

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 | | |
|----------|---------------------------------|-------|--------------------------------|
| 82420 | <input type="checkbox"/> White | 82423 | <input type="checkbox"/> Black |
| 82421 | <input type="checkbox"/> Yellow | | |
| 82422 | <input type="checkbox"/> Red | | |

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

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



Case Quantity: 72

Surfaces: I



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: I



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: I



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: I



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: I



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: I



PLUS SERIES

MADE IN USA ★



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

*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.

TYRE MARQUE®

Tyre Marque

Temporary tire marking

- Smooth marking on rough or dirty surfaces for bold, visible marks
- Marks easily on wet or cold rubber surfaces



Case Quantity: 144

Surfaces: 

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
|----------|-------------|

| | | | |
|-------|--------------------------------|-------|--|
| 51420 | <input type="checkbox"/> White | 51421 | <input checked="" type="checkbox"/> Yellow |
|-------|--------------------------------|-------|--|





102 Standard Size Holder

Adjustable metal holder

- Durable metal holder promotes long work-life for all standard equivalent 11/16" (17mm) size Markal® solid paint crayons
- Adjustable mechanism easily advances paint crayon
- Designed for use with the following Markal® standard size solid paint crayons: Original B®, Rough Surface®, Bleed Thru Oil-based®, Bleed Thru Water-based®, High Intensity®, Heat Treat® (1600F and 1800F), Non-Bleed Thru®, Galvanizer®



Case Quantity: 12

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|---|
| 85100 | Adjustable metal holder for standard diameter solid paint crayons - length 6in (15.2cm) |

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
- Designed for use with the following Markal solid paint markers: B® Fine, and Water Removable Fine



Case Quantity: 12

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|---|
| 85300 | Metal holder for small diameter solid paint crayons - length 5.5in (14cm) |

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† |
| 61051 | White |
| 61069 | Green† |
| 61071 | Orange† |
| 61041 | Fluor. Yellow† |
| 61043 | Fluor. Orange† |
| 61050 | Black |
| 61053 | Yellow† |
| 61070 | Blue† |
| 61073 | Purple† |
| 61042 | Fluor. Green† |
| 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 |
| 61127 | Yellow |
| 61128 | Red |
| 61129 | Black |



QUIK STIK[®]+

Quik Stik[®]+ Oily Surface

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 easily advances permanent solid paint to keep hands, clothing and toolboxes clean



Case Quantity: 48

Surfaces: Surfaces: I, L, H, M, C, P, B



PLUS SERIES

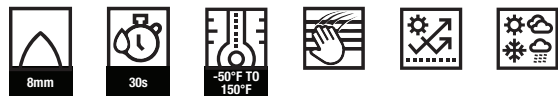
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 28880 | □ White |
| 28881 | ■ Yellow |
| 28882 | ■ Red |
| 28883 | ■ 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
- Push advance easily advances permanent solid paint to keep hands, clothing and toolboxes clean



Case Quantity: 48

Surfaces: Surfaces: I, L, H, M, C, P, B



PLUS SERIES

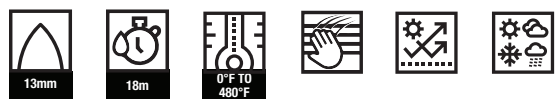
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 28770 | □ White |
| 28771 | ■ Yellow |
| 28772 | ■ Red |
| 28773 | ■ Black |

Quik Stik[®]+ Glow-In-The-Dark

Solid paint marker creates marks that glow in the dark for increased visibility in low lighting conditions

- Photoluminescent white paint glows in the dark for up to 30 minutes when charged with light to provide increased visibility of marks
- Weather-resistant paint formula for long-lasting marks



Case Quantity: 48

Surfaces: Surfaces: I, L, H, M, C, P, B



PLUS SERIES

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|----------------------|
| 28850 | □ White [†] |

[†]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

| | 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 |
|-------------------------------|---------------------------|---------------------------------|----------------------------------|------------------------------------|----------------------------------|-------------------------|---|---------------------------------|
| Metals | | | | | | | | |
| 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

REMOVABLE

| 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[®]



5000 CAPACITY

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:

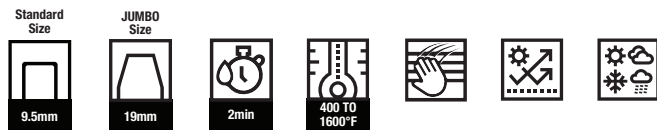
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|---------------------------------|
| 81020 | <input type="checkbox"/> White |
| 81021 | <input type="checkbox"/> Yellow |
| 81022 | <input type="checkbox"/> Red |
| 81023 | <input type="checkbox"/> Black* |
| 81025 | <input type="checkbox"/> Blue |
| 81026 | <input type="checkbox"/> 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:

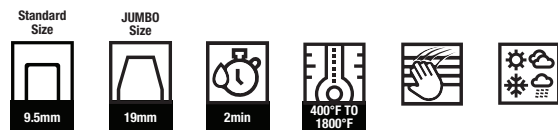
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|--|
| 81220 | <input type="checkbox"/> White / Standard |
| 81221 | <input type="checkbox"/> Yellow / Standard |
| 81222 | <input type="checkbox"/> Red / Standard |
| 81223 | <input type="checkbox"/> Black / Standard* |
| 81225 | <input type="checkbox"/> Blue / Standard |
| 81210 | <input type="checkbox"/> 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 | <input type="checkbox"/> White / Standard |
| 84710 | <input type="checkbox"/> 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:

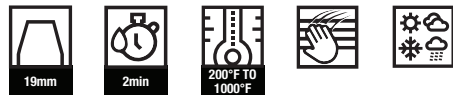
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|--------------------------------|
| 81610 | <input type="checkbox"/> White |

Heat Stik® (200°F - 1000°F)

93°C to 537°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 | <input type="checkbox"/> 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:

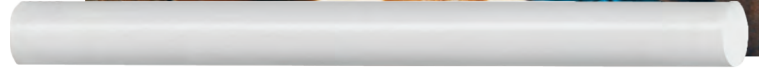
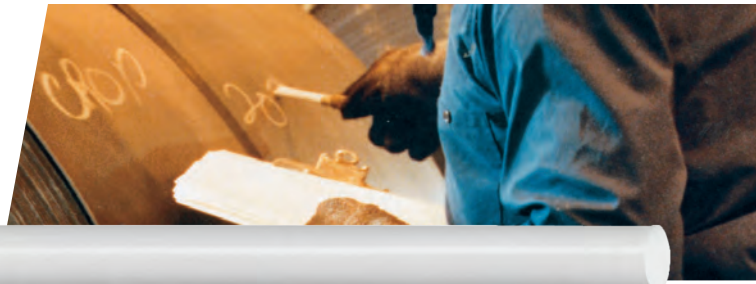
MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|--------------------------------|
| 81820 | <input type="checkbox"/> White |

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



MARKAL®

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 | 4in (10.25cm) |

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 | 11in (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
MECHANICAL

ALL-PURPOSE

MARKER

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



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



Case Quantity: 12 Surfaces: 

| 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® 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



Surfaces: Surfaces: I, L, H, G, P, S

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 |
| 96131 | Yellow | | 96137 | Orange | 96241 | Yellow |
| 96132 | Red* | | | | 96247 | Orange |
| | | | | | 96000 | Assorted |

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



Surfaces: Surfaces: I, L, H, G, P, S



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† | | | | | |



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

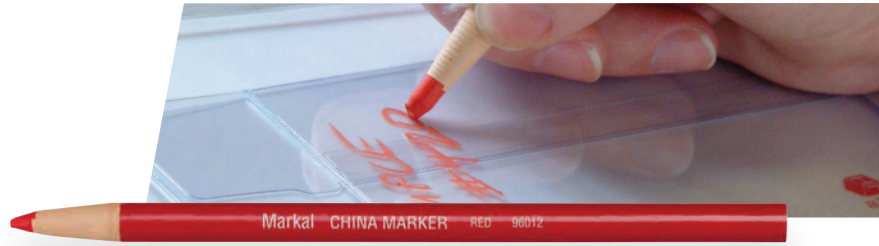
WARNING: This product can expose you to one or more chemicals which are known to the State of California to cause cancer. For more information, got to www.P65Warnings.ca.gov.

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



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: 7in (17.8cm)



Case Quantity: 144 Surfaces:

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96927 | Hard |
| 96928 | Medium |



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: 4in (10.2cm)



Case Quantity: 576 Surfaces:

| PART NO. | DESCRIPTION |
|----------|---------------------|
| 80500 | White [†] |
| 80501 | Yellow [†] |
| 80502 | Red [†] |
| 80505 | Blue [†] |
| 80506 | Green [†] |



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[®]



MARKET

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:



MADE IN USA ★

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



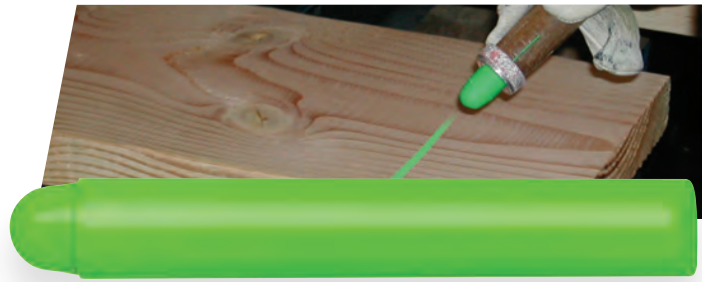
SCANNING CRAYONS

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 |
| 82431 | Magenta 21 | 82440 | Brown 52 | 82452 | Royal Blue 80 |
| 82432 | Red Orange 31 | 82441 | Green 62 | 82457 | Light Blue 81 |
| 82433 | Orange 41 | 82442 | Rust 13 | 82459 | Bright Orange 44 |
| 82434 | Berry 51 | 82446 | Yellow Orange 53 | 82461 | Spring Green 71 |
| 82435 | Lime 61 | 82447 | Yellow 63 | 82462 | Dark Brown 55 |
| 82436 | Burgundy 12 | 82450 | Blue Green 70 | 82463 | Golden Rod 54 |
| | | | | 82466 | Purple 24 |
| | | | | 82467 | Bright Red 34 |
| | | | | 82468 | Neon Orange 103 |
| | | | | 82469 | Tan 45 |
| | | | | 82470 | Tangerine 03 |

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 |
| 82232 | Watermelon Red Hard | 82237 | Watermelon Red Hard | 82339 | Grasshopper Green Med |
| 82234 | Grasshopper Green Hard | 82239 | Grasshopper Green Hard | 82347 | Pumpkin Med |
| 82331 | Orange Sherbet Med | 82336 | Orange Sherbet Med | 82359 | Lemon Yellow Med |
| | | | | 82636 | Orange Sherbet Soft |
| | | | | 82637 | Watermelon Red Soft |
| | | | | 82639 | Grasshopper Green Soft |
| | | | | 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



MADE IN USA ★

Case Quantity: 12

| PART NO. | LENGTH |
|----------|--------------|
| 85401 | 5in (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®



MADE IN USA ★

Case Quantity: 12

| PART NO. | LENGTH |
|----------|--------------|
| 85400 | 6in (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



MADE IN USA ★

Case Quantity: 12

| PART NO. | LENGTH |
|----------|--------------|
| 85490 | 5in (12.7cm) |

MARKAL®



2x4x8
2x12

2x8

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®

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



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



Case Quantity: 72 Surfaces: 

MADE IN USA ★

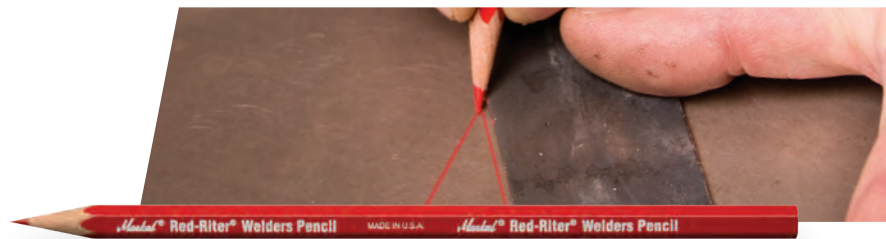
| PART NO. | DESCRIPTION |
|----------|-------------|
| 96101 | ■ Silver |

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



Case Quantity: 72 Surfaces: 

MADE IN USA ★

| PART NO. | DESCRIPTION |
|----------|-------------|
| 96100 | ■ Red |

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



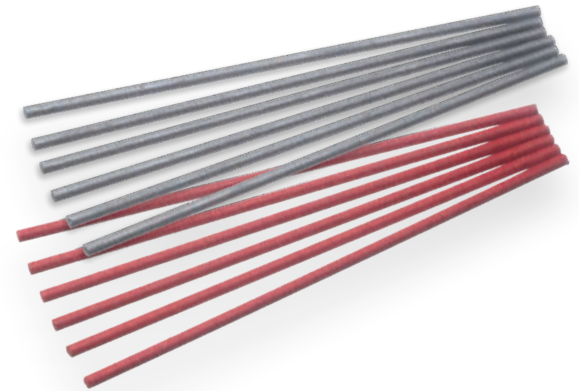
Case Quantity: 12 Surfaces: I

| 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



Holders Case Quantity: 12 Case Quantity: 12 Surfaces: I

| 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: I

| 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 90 years, we have been a leading and trusted name in fast, reliable, and accurate temperature indication products for almost any job.



STEEL & IRON



ALUMINUM



GLASS



WOOD/LUMBER



PVC/PLASTIC



TIRES & RUBBER



CERTIFIED



WEATHER RESISTANT



UV RESISTANT



DRY TIME



MARKING RANGE



LOW-CORROSION



PERMANENCE

Tempil 

TESTING 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: I

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.ca.gov

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: I

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: I

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. | °Celsius |
|----------|-----|-----|----------|-----|-----|----------|----------|
| 86400 | 100 | 38 | 86697 | 350 | 177 | 84664 | 150 |
| 86436† | 125 | 52 | 86715 | 375 | 191 | 86401 | 100 |
| 86463 | 150 | 66 | 86733† | 400 | 204 | 86402 | 50 |
| 86481 | 175 | 79 | 86751 | 425 | 218 | 86516 | 200 |
| 86517 | 200 | 93 | 86769† | 450 | 232 | 86563 | 250 |
| 86526† | 213 | 101 | 86787 | 475 | 246 | 86734 | 400 |
| 86544 | 225 | 107 | 86805 | 500 | 260 | | |
| 86562 | 250 | 121 | 86823 | 550 | 288 | | |
| 86589 | 275 | 135 | 86841† | 600 | 316 | | |
| 86625† | 300 | 149 | 86859 | 650 | 343 | | |
| 86661 | 325 | 163 | 86868† | 700 | 371 | | |

Certified Thermomelt®

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 |
| 24405† | 300 | 149 | 24424† | 800 | 427 |
| 24407† | 325 | 163 | 24425† | 850 | 454 |
| 24408† | 350 | 177 | 24426† | 900 | 482 |
| 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



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



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 | 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



Surfaces:

MADE IN USA ★

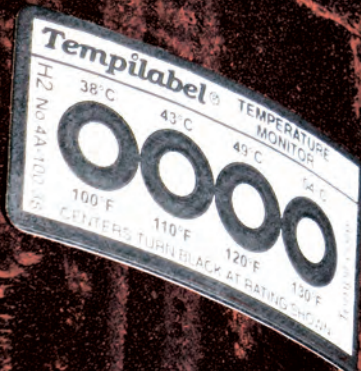
| 1000°F (538°C) | | | | | 2000°F (1093°C) | | | | |
|----------------|-------------|-------|------------|---------------|-----------------|-------------|-------|------------|---------------|
| PART NO. | DESCRIPTION | SIZE | COLOR | CASE QUANTITY | PART NO. | DESCRIPTION | SIZE | COLOR | CASE QUANTITY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

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

*Restricted for resale into U.S.A. or Canada.

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

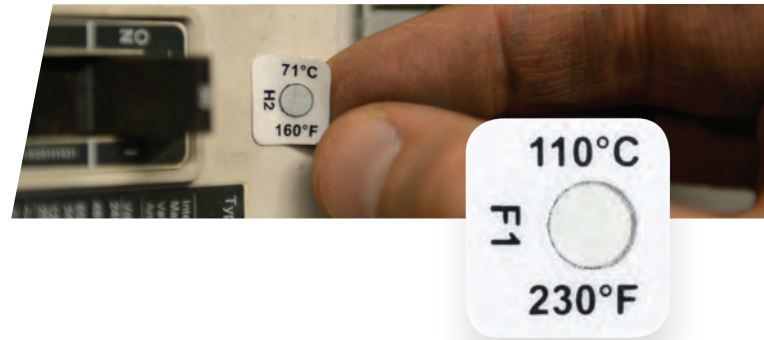
Surfaces: I

| 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 500 |
| | °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: I

| 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: 

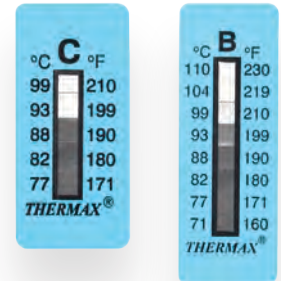
MADE IN USA ★

| 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 temperature configuration
- 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: 

| 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 | 160 | 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 90 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



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 low-speed 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

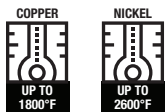


| PART NO. | SIZE | CASE QUANTITY |
|----------|-----------|---------------|
| 79704 | 4 fl. oz. | 24 |

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"

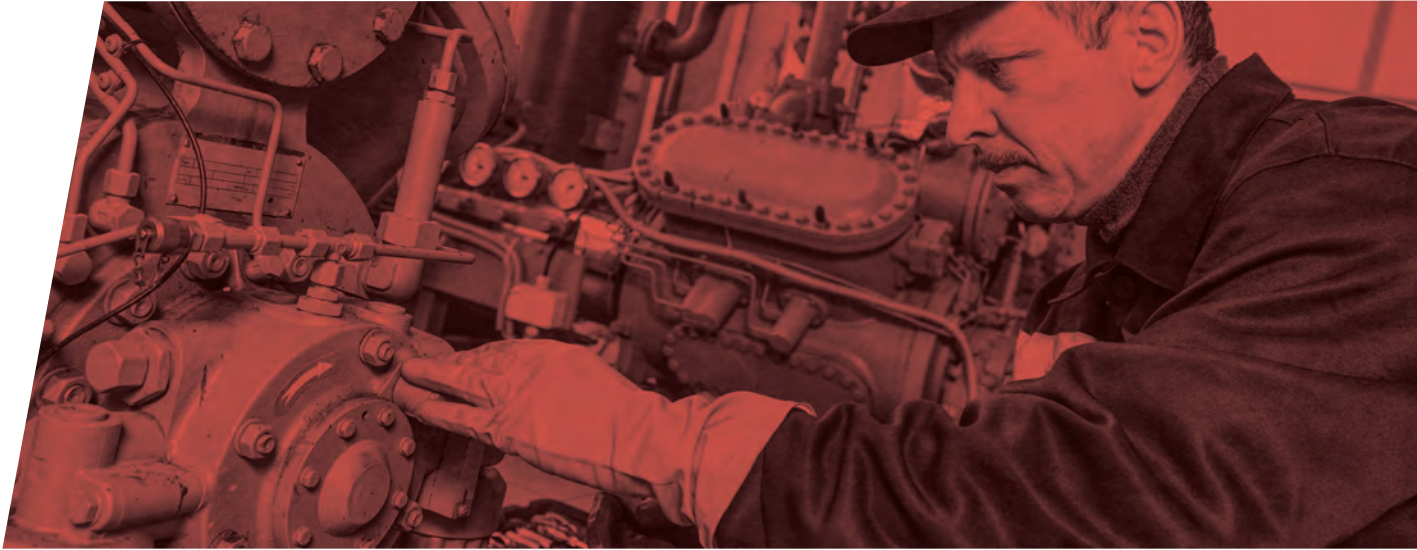


Surfaces:

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 |

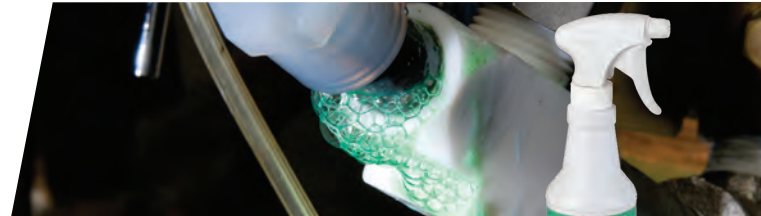
LEAK DETECTORS



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



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



Surfaces:

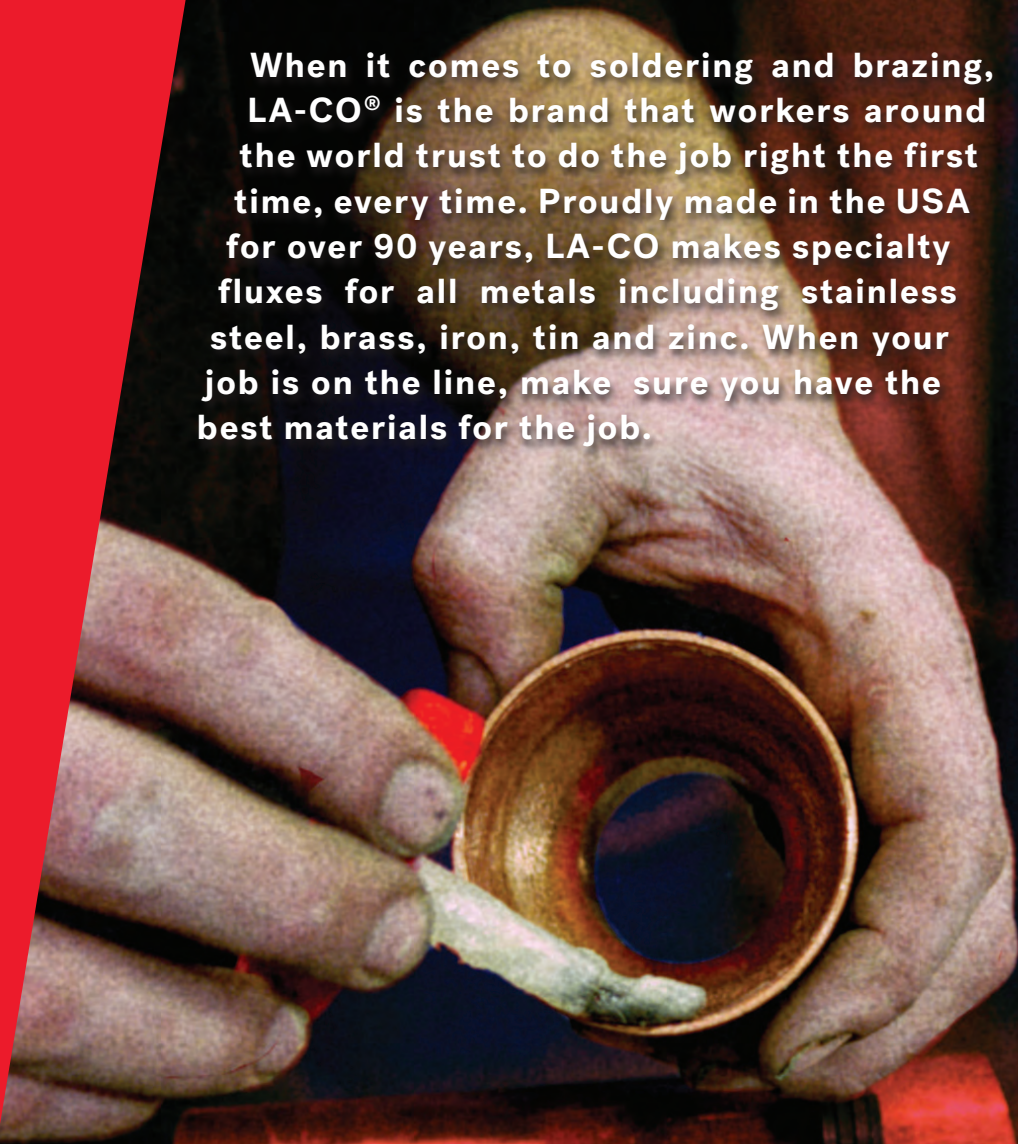
MADE IN USA ★

| 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 90 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



MADE IN USA ★



Certified to
NSF/ANSI 61-G



| 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

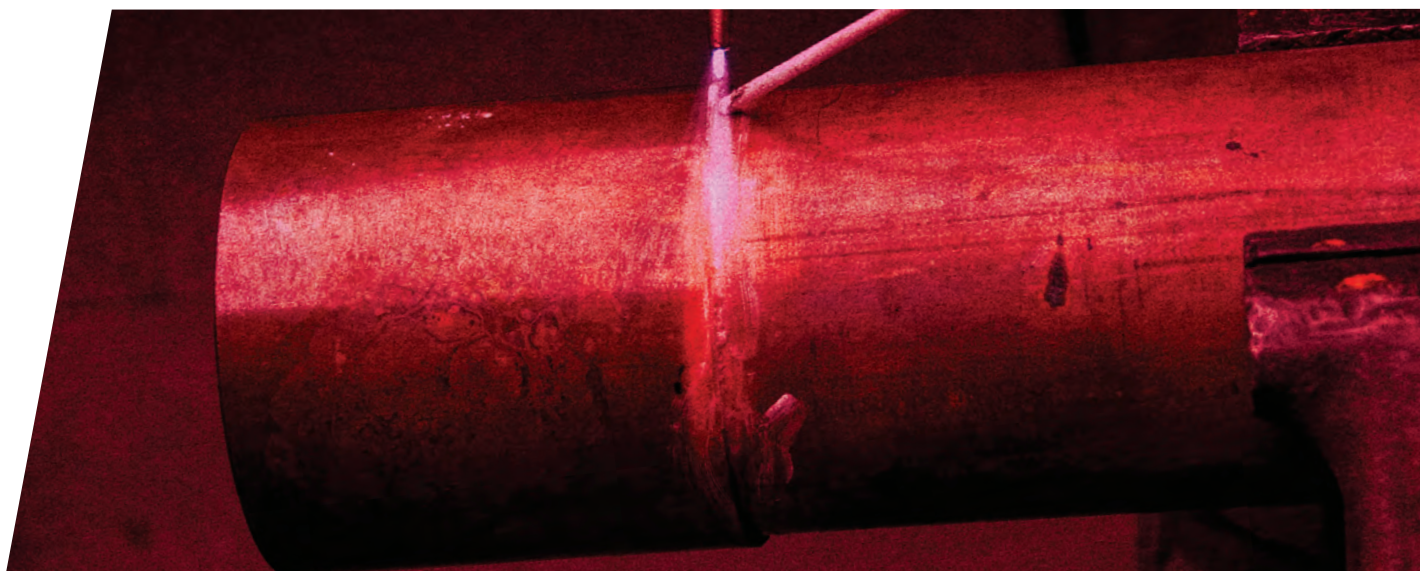


MADE IN USA ★



| PART NO. | DESCRIPTION | CASE QUANTITY |
|----------|-------------|---------------|
| 23913 | 1 qt. | 12 |

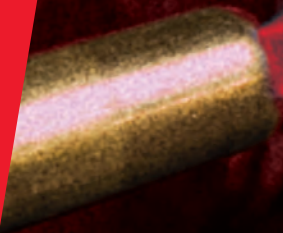
*Do not use on potable water tubing



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

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®

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 |

A close-up photograph of a person's hand applying a green repair sealant from a tube to a hole in a metal pipe. The sealant is being squeezed out of the tube and is filling the hole. The background is dark and out of focus. A red diagonal shape is on the left side of the image.

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



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



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 |

†  **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.

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



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



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



Surfaces:

| 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.

† **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.

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



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



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®

Metal 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



Surfaces:

MADE IN USA ★

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



Plasto-Joint Stik®

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
- Do not use on oxygen service; use Oxy-Tite paste or Slic-Tite PTFE tape



Surfaces:

MADE IN USA ★

| PART NO. | DESCRIPTION | CASE QUANTITY |
|----------|-------------------|---------------|
| 11775 | Plasto-Joint Stik | 144 |

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



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



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



Surfaces: 

| PART NO. | DESCRIPTION | CASE QUANTITY | PART NO. | DESCRIPTION | CASE QUANTITY |
|----------|--------------------------------------|---------------|----------|--------------------------------------|---------------|
| 44071† | <input type="checkbox"/> 1/2" x 260" | 144 | 44075† | <input type="checkbox"/> 3/4" x 520" | 144 |
| 44072† | <input type="checkbox"/> 1/2" x 520" | 144 | 44078† | <input type="checkbox"/> 1" x 520" | 144 |

†  **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.

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.



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