## Magnetic Ground Clamps / Thread Sealants

# Magnetic Grounds for Rotary or Manual Arc Welding

Heavy shop use has proved that Magnetrode improves weld quality while reducing weld costs.

**Here's how:**

1. Magnetrode stabilizes the arc.
2. Reduces spatter (and cuts down clean-up time); cuts rod spatter loss 10% or more.
3. Reduces magnetic blow.
4. Increases penetration and density of weld, also improving root fusion.
5. Operates on lower current, makes less demand on generator or transformer.
6. Reduces heat and crystallization in parent metal, improves annealing around weld, cuts rod stub waste.

## Rotary Welding

No cable twist on turning roll work with the rotary Magnetrode; a real trouble-saver as well as the perfect grounding contact. Simple design and lifetime magnet assure extra long service life.

**Model 900**-(400 AMPS) with terminal handle for attaching one 4/0 ground cable.

**Model 1500**-(1000 AMPS) with terminal handle for attaching two 4/0 ground cables.

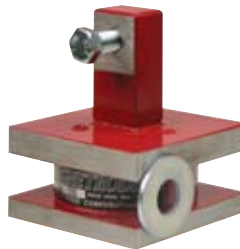**Model 2000**-(1500 AMPS) with terminal handle for attaching three 4/0 cables.

**Part No. 1500**

| Part No. | Description |
|----------|-------------|
| 0900 | Magnetic ground 400 AMP rotary |
| 1500 | Magnetic ground 1000 AMP rotary |
| 2000 | Magnetic ground 1500 AMP rotary |

## Manual Welding

Sure-holding ground contacts for better and more economical welding, with lifetime magnets and plenty of stock at holding areas; when pitted, just grind smooth.

Connect to ground cable, place on work and strike arc; Magnetrode holds in any position. Stabilizes arc, increases penetration, reduces spatter, reduces heat and crystallization in parent metal, improves current efficiency and weld quality.

**Part No. 0700**

| Part No. | Description |
|----------|-------------|
| 0200 | Magnetic ground 200 AMP |
| 0700 | Magnetic ground 400 AMP |

*Markal* ®

## PTFE Pipe Thread Tape

- Non-toxic.
- Standard Grade. Thickness-3 mils.
- Contractor grade, low density.
- Provides a highly resistant seal on pipe threads for all types of service.
- Suitable for use with solvents, chemicals, oxygen and on food lines.
- Permits easy disassembly, even after years of service.
- Meets Mil. Spec T-27730A.

**Sealing temperature range:** -450° F to 550° F (-268° C to 288° C).
**Pressures:** to 2000 PSI (136 BAR).

| Part No. | Size |
|----------|------|
| 44070 | 1/4" x 520" |
| 44071 | 1/2" x 260" |
| 44072 | 1/2" x 520" |
| 44073 | 1/2" x 1296" |
| 44074 | 3/4" x 260" |
| 44075 | 3/4" x 520" |
| 44076 | 3/4" x 1296" |
| 44077 | 1" x 260" |
| 44078 | 1" x 520" |

**Case Quantity:** 144

## Slic-Tite® PTFE Thread Tape

- Non-toxic, premium grade.
- High density, Thickness-3 mils.
- Heavy-duty premium grade.
- Provides a highly resistant seal on pipe threads for all types of service.
- Suitable for use with solvents, chemicals, oxygen, and on food lines.
- Permits easy disassembly, even after years of service.
- Meets Mil. Spec. T-22730A.

**Sealing temperature range:** -450° F to 550° F (-268° C to 288° C).
**Pressure:** to 2000 PSI (136 BAR).

| Part No. | Size |
|----------|------|
| 44080 | 1/4" x 300" |
| 44081 | 1/4" x 600" |
| 44082 | 1/2" x 300" |
| 44083 | 1/2" x 600" |
| 44084 | 1/2" x 1200" |
| 44085 | 3/4" x 300" |
| 44086 | 3/4" x 600" |
| 44087 | 1" x 300" |
| 44088 | 1" x 600" |
| 44003* | 1/2" x 600" |

**Case Quantity:** 12, In 1 dozen display box
*Carded - 1/card

# Temperature Indicator

## ThermoMelt® HEAT STIK™
### Temperature Indicators

- Accurate, fast, low-cost method for measuring surface temperatures.
- Accurate to within ±1% of stated temperature.
- 4-1/2" ThermoMelt® Big Stik® features a stainless steel holder with pocket clip for convenient, easy use.
- Meets ANSI/ASME Code B31 & B31.3, AWS D1.1 and ASME Code Sec. I, III and VII, NIST traceable.

**33% BIGGER!**
**THAN THE ORIGINAL**

THE BIG STIK

6

| Part No. | °F | °C |
|---|---|---|
| 86400 | 100 | 38 |
| 86409 | 109 | 43 |
| 86418 | 113 | 45 |
| 86427 | 119 | 48 |
| 86436 | 125 | 52 |
| 86445 | 131 | 55 |
| 86454 | 138 | 59 |
| 86463 | 150 | 66 |
| 86472 | 163 | 73 |
| 86481 | 175 | 79 |
| 86490 | 182 | 83 |
| 86499 | 188 | 87 |
| 86508 | 194 | 90 |
| 86517 | 200 | 93 |
| 86522 | 206 | 97 |
| 86526 | 213 | 101 |
| 86535 | 219 | 104 |
| 86544 | 225 | 107 |
| 86553 | 238 | 114 |
| 86562 | 250 | 121 |
| 86569 | 256 | 124 |
| 86571 | 263 | 128 |
| 86580 | 269 | 132 |
| 86589 | 275 | 135 |
| 86598 | 282 | 139 |
| 86607 | 288 | 142 |
| 86616 | 294 | 146 |
| 86625 | 300 | 149 |
| 86634 | 306 | 152 |
| 86643 | 313 | 156 |

| Part No. | °F | °C |
|---|---|---|
| 86652 | 319 | 159 |
| 86661 | 325 | 163 |
| 86670 | 331 | 166 |
| 86679 | 338 | 170 |
| 86688 | 344 | 173 |
| 86697 | 350 | 177 |
| 86706 | 363 | 184 |
| 86715 | 375 | 191 |
| 86724 | 388 | 198 |
| 86733 | 400 | 204 |
| 86742 | 413 | 212 |
| 86751 | 425 | 218 |
| 86760 | 438 | 225 |
| 86769 | 450 | 232 |
| 86778 | 463 | 239 |
| 86787 | 475 | 246 |
| 86796 | 488 | 253 |
| 86805 | 500 | 260 |
| 86814 | 525 | 274 |
| 86823 | 550 | 288 |
| 86832 | 575 | 302 |
| 86841 | 600 | 316 |
| 86850 | 625 | 329 |
| 86859 | 650 | 343 |
| 86868 | 700 | 371 |
| 86877 | 750 | 399 |
| 86886 | 800 | 427 |
| 86895 | 850 | 454 |
| 86904 | 900 | 482 |

| Part No. | °F | °C |
|---|---|---|
| 86922 | 950 | 510 |
| 86931 | 1000 | 538 |
| 86940 | 1022 | 550 |
| 86949 | 1050 | 565 |
| 86958 | 1100 | 593 |
| 86967 | 1150 | 621 |
| 86976 | 1200 | 649 |
| 86985 | 1250 | 677 |
| 86994 | 1300 | 704 |
| 87003 | 1350 | 732 |
| 87012 | 1400 | 760 |
| 87021 | 1425 | 774 |
| 87030 | 1450 | 788 |
| 87039 | 1480 | 804 |
| 87048 | 1500 | 816 |
| 87057 | 1550 | 843 |
| 87066 | 1600 | 871 |
| 87075 | 1650 | 899 |
| 87084 | 1700 | 927 |
| 87093 | 1750 | 954 |
| 87102 | 1800 | 982 |
| 87111 | 1850 | 1010 |
| 87120 | 1900 | 1038 |
| 87129 | 1950 | 1066 |
| 87138 | 2000 | 1093 |
| 87147 | 2050 | 1121 |
| 87156 | 2100 | 1149 |
| 87165 | 2150 | 1177 |
| 87174 | 2200 | 1204 |

**MAGNAFLUX**  *Markal*®

## Penetrant Pens for Liquid Penetrant Inspection

For small areas or parts, and for reworked inspection without the overspray mess from aerosol cans.





**Great for Inspecting Small Areas!**

Spotcheck penetrant pen contains Spotcheck SKL-SP1 visible dye penetrant in a case of 12.
**Part No. 01-5150-75**

Zyglo penetrant pen contains Zyglo ZL-37 fluorescent liquid penetrant in a case of 12.
**Part No. 01-3188-75**

*Markal*®

## Cool Gel® Heat Barrier Spray

- Helps prevent heat damage to components and surrounding materials during soldering, brazing and welding.
- Unique gelled formula sticks to surfaces without dripping or running off.
- Clear, non-staining gel leaves no residue eliminating cleanup.
- Safe, non-toxic, harmless to skin and odorless.
- Protects painted and finished surfaces from discoloration due to adjacent torch operations.



| Part No. | Size | Case |
|---|---|---|
| 11527 | 2 Fl. oz | 12 |
| 11524 | 2 Fl. oz | 48 |
| 11513 | 16 Fl. oz | 24 |
| 11509 | 32 Fl. oz | 12 |

## Bloc-It® Heat Absorbing Paste

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



| Part No. | Size |
|---|---|
| 11511 | 10 oz tube |

**Case Quantity:** 24

## Slic-Tite® Paste with PTFE

- PTFE-Premium Thread Sealant.
- Heavy duty thread sealing compound.
- Use on metal, PVC, CPVC and ABS plastic pipe threads.
- Contains more PTFE particles for greater sealing power.
- Non-toxic, non-drying and washes off hands and clothing easily.
- Do not use on oxygen service, use PTFE tape or Oxytite® paste.
- USDA approved for use in federally-inspected meat and poultry plants.
- Novean Approved.

**Sealing temperature range:** -50° F to 500° F (-46° C to 260° C).
**Working pressure:** 3,000 PSI (204 BAR) for gas, 10,000 PSI (680 BAR) for liquids.



**Part No. 42019**

| Part No. | Size |
|---|---|
| 42009 | 1/4 pt. brush-in-cap |
| 42019 | 1/2 pt. angled brush-in-cap |
| 42029 | 1 pt. BIC |

**Case Quantity:** 24
Other sizes available.

## Heat Barriers / Thread Sealants / Leak Detector / Sealant

### Slic-Tite® Stik with PTFE
- PTFE-Premium Thread Sealant.
- High-performance thread compound in handy stick form.
- Contains PTFE particles for greater sealing power.
- Non-toxic, non-staining, non-drying.
- Clean, white, and washes off easily.
- Use on metal and PVC pipe thread connections for water, air, natural gas, steam, gasoline, oil, refrigerants and ammonia.
- Do not use on Oxygen service, use PTFE tape or Oxytite® paste.

**Sealing temperature range:** -50° F to +350° F (-46° C to 177° C).
**Working pressure:** 500 PSI (34 BAR) for gas, 5,000 PSI (340 BAR) for liquids.

| Part No. | Size |
| --- | --- |
| 41600 | 1-1/4 oz |

**Case Quantity:** 24

### Alert®
- Safe for oxygen.
- Bright orange color for easy visibility.
- Available in handy squeeze bottle.
- Non-toxic, non-corrosive.
- Sticks to surfaces for longer period of leak detection.

**Temperature range:** 32° F - 200° F (0° C to 93° C).

| Part No. | Size |
| --- | --- |
| 32844 | 8 oz |

**Case Quantity:** 24

### Sure-Chek®
- All temperature formula.
- Ultra-sensitive; long-lasting bubbles.
- Available in handy spray bottle.
- Fluorescent for improved visibility.
- Safe for oxygen.
- Non-corrosive, non-toxic.

**Temperature range:** -55° F to 200° F (-48° C to 93° C).

| Part No. | Size | Case |
| --- | --- | --- |
| 32850 | 1 pt. | 24 |
| 32851 | 1 qt. | 12 |
| 32852 | 1 gal. | 4 |

### Oxytite® Pipe Thread Sealant for Oxygen
- PTFE thread sealant for oxygen services.
- Each batch tested to ASTM G-72.

**Pressure range:** to 2600 PSI (180 Bar).
**Temperature range:** -320° F to 450° F (196° C to 232° C).

| Part No. | Size |
| --- | --- |
| 42805 | 4 oz |

**Case Quantity:** 6

### PIPETITE-STIK® Pipe Thread Compound
- Thread compound in handy stick form.
- For water, steam, air, natural gas and LP gas.
- Use on metal threads, non-toxic, lead free.
- Classified by Underwriters Laboratories, U.S.A.
- Cleans up with soap and water.
- Certified by NSF to meet ANSI/NSF Std. 61 for use on potable water.

**Part No. 11175**

| Part No. | Size | Case |
| --- | --- | --- |
| 11175 | 1-¼ oz | 144 |
| 11176* | 4 oz | 72 |

*One dozen display pack

**Sealing temperature:** up to 350° F (177° C).
**Pressures:** to 2000 PSI (136 Bar) for liquids to 350 PSI (24 BAR) for gases.
**NOTE:** Do not use on oxygen service.

Markal, Peterson Flux
Vendor Code: MKL, FR

**Markal**®

**PETERSON FLUXES**

## Anti-Seize Compound / Fluxes / Galvabar

Chemicals, Coatings, and Fluxes   7

## E-Z Break® Anti-Seize Compound - Copper Grade

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

**Temperature range:** to 1800° F (982° C).

| Part No. | Size | Case |
|----------|------|------|
| 08910 | 10 oz angle brush-in-cap | 24 |
| 08907 | 16 oz angle brush-in-cap | 24 |
| 08916 | 14 oz aerosol | 12 |

## E-Z Break® Anti-Seize Compound- Nickel Grade

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

**Temperature range:** to 2600° F (1427° C).

| Part No. | Size | Case |
|----------|------|------|
| 08971 | 8 oz angle brush-in-cap | 24 |
| 08972 | 16 oz angle brush-in-cap | 24 |

**PETERSON FLUXES**

## No.1 Blue Flux

Designed for brazing cast and malleable iron and steel, for torch welding brass, bronze, and copper.

- Working range: 1200° - 1600° F.
- Glassy residue can be removed by water; quench while the joint is hot.

**Part No. 1PET-** 1 lb.
**Part No. 1PET-50-** 50 lbs.

## No. 2 High Heat Flux

Designed for brazing cast and malleable iron casting at medium and high heat. It is a unique formulation- blending flux and metal to synergistically perform at temperature.

- Working range: 1400° - 2200° F.
- In addition to dipping the heated end of the filler rod, sprinkling the flux into the molten puddle will float oxides.
- Good results obtained by using cast iron rods that meet AWS specification A5.15-56T.

**Part No. 2PET-** 1 lb.

## Galvanized Coating Repair Bar - Galvabar

A cadmium free zinc based solder alloy in a 1/4" square by 13" long bar designed to deposit a protective metallic coating over ferrous metal. It is suitable for repairing galvanized coating damaged by rough handling or welding.
**Part No. 3017-** 3 bars per lbs.

# ITW Dykem    *Markal*®

## Industrial Markers / Paint Markers

### DYKEM® BLEED-THRU™

DYKEM® BLEED-THRU™ is a fast drying ink marker that writes on almost any surface. It is ideal for fabricating structural steel or layout work where marks are required to bleed through a primer coat covering the marks. Marks bleed through when painted over with oil/solvent based paints and primers. Makes permanent marks on plastic, metal, glass, ceramics, and most non-porous surfaces. It can be used to permanently identify inventory, assemblies, machines, or finished products while resisting most work related abuses or compounds.

- Bleeds through most paints and primers.
- Permanent marks on most surfaces.
- Can be used for identification purposes.
- Heavy duty aluminum body with large ink capacity.
- Chisel tips are replaceable to assure complete use of paint in each marker.
- Valve action mechanism prevents ink in barrel from drying when cap is left off.

**Part No. 44541** - Black



**Part No. 44541**

### SUDZ OFF®

SUDZ OFF® markers are perfect for temporary writing on non-treated, non-painted metal surfaces which require ink that is water resistant. Marks can be removed with detergents with a pH of 10 or higher.

- Ideal for quality control.
- Interchangeable and replaceable tips make the pen more practical and long lasting.
- No "ghosting" occurs when removed with detergent.
- Drying Time: 15–20 seconds.



**Part No. 91938**



**Part No. 91371**

| Color | Part No. |
|---|---|
| Black | 91985 |
| Blue | 91938 |
| Green | 91371 |
| Yellow | 91694 |
| White | 91146 |

## *Markal*®

### Valve Action® Paint Marker

- Marks with real paint, dries in 3 minutes.
- Valve action nib releases paint as needed for continuous marking.
- Marks on all surfaces including: metal, wood, glass, plastic, rubber, cardboard and paper.
- Lead-free.
- The 1/8" fiber nib is replaceable to assure complete use of each marker.
- Durable metal barrel.
- Meets California VOC Regulations.
- Unit packaging: 12 of one color to a box.

**Part No. 96867-** Replacement tips.

**Marking Range:** -50° F to 150° F (-46° C to 66° C)



**Part No. 96821**

| Color | Bulk Part No. | Carded 1/Card Part No. |
|---|---|---|
| Brown | 96809 | - |
| Purple | 96817 | - |
| White | 96820 | 96800 |
| Yellow | 96821 | 96801 |
| Red | 96822 | 96802 |
| Black | 96823 | 96803 |
| Orange | 96824 | 96807 |
| Blue | 96825 | 96805 |
| Green | 96826 | 96806 |
| Gold | 96827 | - |
| Aluminum | 96832 | 96804 |
| Lt. Blue | 96835 | - |

**Carded items, Case Quantity:** 24
**Bulk Case Quantity:** 48

### Pro-Wash® Removable Paint Markers

- Real paint washes off quickly with water (Pro-Wash W) or mild detergent (Pro-Wash D).
- Marks on metal, glass, plastic and other non-porous surfaces.
- Will not ghost or leave residue when removed.
- Ideal for quality control processes, parts assembly operations, etc.



**Part No. 97012**

**Pro-Wash® D**

| Part No. | Color |
|---|---|
| 97010 | White |
| 97011 | Yellow |
| 97012 | Red |
| 97013 | Black |
| 97015 | Blue |
| 97016 | Green |

**Case Qty:** 24

**Pro-Wash® W**

| Part No. | Color |
|---|---|
| 97030 | White |
| 97031 | Yellow |
| 97032 | Red |
| 97033 | Black |
| 97035 | Blue |
| 97036 | Green |

**Marking and Layout Tools**

**11**

## Ball Paint Marker®

- Marks with real paint, dries in 5 minutes.
- Durable metal ball tip marks on smooth or rough surfaces.
- Marks on metal, wood, plastic, glass, and hard surfaces.
- Lead free, non-toxic.
- Marks are weather and fade-resistant.
- Unbreakable plastic bottle with 1/8" steel ball tip.
- Stores in pocket for easy access.
- Plastic cap keeps tip clean between jobs.
- Unit packaging: 12 of one color to a box.

**Marking Range:** -50° F to 150° F (-46° C to 66° C)

**Part No. 84600**

| Part No. | Color |
|----------|--------|
| 84600 | White* |
| 84601 | Yellow* |
| 84620 | White |
| 84621 | Yellow |
| 84622 | Red |
| 84623 | Black |
| 84624 | Orange |
| 84625 | Blue |
| 84626 | Green |

\* Carded -1/card
**Carded items, Case Qty:** 24
**Boxed items, Case Qty:** 48

## Dura-Ball® Paint Tube Marker

- Marks with real paint, dries in 5 minutes.
- Durable metal ball tip marks on smooth or rough surfaces.
- Marks on metal, wood, plastic, glass, and hard surfaces.
- Lead free, non-toxic.
- Marks are weather and fade-resistant.
- Durable metal tube with 1/8" steel ball tip.
- All colors are low chloride making them safe for marking stainless steel.

**Marking Range:** -50° F to 150° F (-46° C to 66° C)

**Part No. 96653**

| Part No. | Color |
|----------|--------|
| 96652 | White |
| 96653 | Yellow |
| 96654 | Red |
| 96655 | Black |
| 96656 | Orange |
| 96657 | Blue |
| 96658 | Green |

**Case Quantity:** 48

## Pro-Line® Paint Markers

- Available in fine (2 mm) and micro (1 mm) tip sizes for ultimate precision.
- Xylene-free for less odor.
- Ideal for metal, also suitable for wood, glass, plastic, rubber and more.
- High-strength, lightweight barrel for industrial use.
- Self-storing cap with integrated pocket clip.
- Ergonomic design for comfortable extended use.

**Marking Range:** -50° F to 150° F (-46° C to 66° C)

**Part No. 96872**

**Fine - 2 mm**

| Part No. | Color |
|----------|--------|
| **Bulk** | |
| 96871 | White |
| 96872 | Yellow |
| 96873 | Black |
| 96874 | Red |
| 96875 | Blue |
| 96876 | Green |
| 96877 | Orange |
| 96878 | Pink |
| 96879 | Lt. Green |

**Case Qty:** 48

**Micro - 1 mm**

| Part No. | Color |
|----------|--------|
| **Bulk** | |
| 96888 | White |
| 96889 | Yellow |
| 96890 | Black |
| 96891 | Red |

**Case Qty:** 48

**Fine - 2 mm**

| Part No. | Color |
|----------|--------|
| **Carded** | |
| 96657 | White |
| 96658 | Yellow |
| 96659 | Red |
| 96660 | Black |

**Case Qty:** 24

## Pro-Max® Paint Markers

- Super sized 1/2" + nib for highly visible marks.
- High-strength, lightweight barrel for industrial use.
- Ideal for identification, fill-in marking, signage, and/or safety marking on any surface.
- Available in six ultra-visible colors.
- Xylene-free for less odor.
- Self-storing cap.

**Part No. 90901**

| Part No. | Color |
|----------|--------|
| **Bulk** | |
| 90900 | White |
| 90901 | Yellow |
| 90902 | Red |
| 90903 | Black |
| 90904 | Orange |
| 90905 | Blue |

**Case Qty:** 24

# Fiber Tip Markers / All-Purpose Markers

## DURA-INK® Fiber Tip Markers
### #15 Fine Tip Marker
- Ideal for fine line marking.
- Extra tough tip, won't spread or mush.
- Smear-resistant, water-resistant, fast drying.
- Marks on metal, wood, cardboard, paper, plastic, glass, etc.
- For identification of parts, layout work and marking cartons and crates.
- Available on blister card for point-of-purchase display.

**Part No. 96023**

| Part No. | Color |
|---|---|
| 96022 | Red |
| 96023 | Black |
| 96025 | Blue |
| 96026 | Green |

**Case Qty:** 72

### #25 Medium Chisel Tip Marker
- Versatile chisel tip for 1/16" and 5/16" marks.
- Extra large ink supply for greater mileage.
- Heavy-duty metal barrel.
- Use on cardboard, wood, metal, paper, ceramics, glass, and leather.
- For identification of equipment, marking shipping cartons and making signs.

**Part No. 96223**

| Part No. | Color |
|---|---|
| 96222 | Red |
| 96223 | Black |

**Case Qty:** 48

### #55 Medium Taper Chisel Tip Marker
- Ergonomic design for extended use.
- Ink formulated for industrial strength usage.
- Versatile tapered chisel tip, for 1/16" and 3/16".
- Long mileage, economical.
- Smear-resistant, water-resistant, fast drying.
- Durable cap with pocket clip and plastic barrel for industrial use.
- Use on cardboard, ceramics, glass cloth, lumber, paper, rubber and steel.

**Part No. 96529**

| Part No. | Color |
|---|---|
| 96528 | Red |
| 96529 | Black |
| 96530 | Blue |
| 96531 | Green |

**Case Qty:** 48
**Unit packaging:**
  12 of one color to a box

## Trades Marker®
- Needs no sharpening.
- Handy pocket clip.
- Available in 5 bright colors.
- Marks on plastic, glass, metal, wood, cardboard and paper.
- Marks won't rub off and are weather-resistant.
- Push-button holder advances the stick as needed.

**Part No. 96000**

| Part No. | Color |
|---|---|
| 96000 | 1 holder & 5 refills* |
| **Refills** | |
| 96009 | Orange |
| 96042 | White |
| 96043 | Yellow |
| 96044 | Black |
| 96045 | Red |

*Contains 1 each of orange, white, black, yellow and red.
**Case Qty:** 24
**Pk. Qty:** 6

## China Marker
- The economical solution for marking on porous and non-porous surfaces such as paper, cardboard, plastic, wood, glass, ceramics and some metals.
- Paper-wrapped marker.
- Moisture resistant.
- Smooth writing.
- Non-toxic pigments.

**Part No. 96012**

| Part No. | Color |
|---|---|
| 96010 | White |
| 96011 | Yellow |
| 96012 | Red |
| 96013 | Black |
| 96014 | Crimson |
| 96015 | Blue |

# Fineline Metal Markers

## Red-Riter® Metal Marker

- Fine line marker for all types of metal surfaces.
- Marks won't rub off like soapstone.
- High visibility on aluminum and stainless steel.
- No sharpening necessary.
- Holders include pocket clip.

**Part No. 96005**

| Part No. | Shape | Pk. Qty. | Case Qty. |
|----------|-------|----------|-----------|
| 96005 | Flat | - | 24 |
| **Refills** | | | |
| 96019 | - | 25 | 24 |
| **Holders** | | | |
| 96017 | - | 10 | 12 |

## Silver-Streak® Metal Marker

- Available in original flat and round sizes.
- Ideal for doing metal layout and fabrication work.
- Marks on all types of metal surfaces.
- Marks won't rub off like soapstone.
- Durable metal and plastic holders prevent breakage.
- Holders include pocket clip.

**Part No. 96006**

| Part No. | Shape | Pk. Qty. | Case Qty. |
|----------|-------|----------|-----------|
| 96004 | Flat | - | 24 |
| 96006 | Round | - | 24 |
| **Refills** | | | |
| 96018 | Flat | 25 | 24 |
| 96002 | Flat | 100 | 24 |
| 96007 | Round | 6 | 24 |
| **Holders** | | | |
| 96017 | Flat | 10 | 12 |

## B® Paintstik®

- Real paint in stick form.
- Weather-resistant, UV-resistant.
- Ideal for layout, color coding, fabrication and identification.
- Marks through oil and water.
- Marks on smooth, rough, rusty or dirty surfaces.
- For use on metal, wood, plastic, concrete, rubber, glass, cardboard and paper.
- Lead-free, non-toxic.
- Available in 3 sizes: standard (11/16"), fine (3/8"), and bold (1").
- B & B-1" Unit packaging: 12 of one color to a box.
- B-3/8" Unit packaging: 36 of one color to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C)

**Part No. 80220**

| Standard | Color |
|----------|-------|
| 80220 | White |
| 80221 | Yellow |
| 80222 | Red |
| 80223 | Black |
| 80224 | Orange |
| 80225 | Blue |
| 80226 | Green |
| 80227 | Pink |
| 80228 | Purple |
| 80229 | Brown |
| 80230 | Gray |
| 80231 | Gold |
| 80232 | Aluminum |
| 82821 | Flr. Yellow |

**Standard Case Quantity:** 144

## B-E® Paintstik® Marker

- Real paint in stick form.
- For marking forgings, castings, lumber, concrete, and other rough surfaces.
- Marks will withstand prolonged immersion in water.
- Lead-free, non-toxic.
- Long lasting, weather-resistant, fade-resistant.
- Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 80620**

| Part No. | Color |
|----------|-------|
| 80620 | White |
| 80621 | Yellow |
| 80622 | Red |
| 80623 | Black |
| 80624 | Orange |
| 80625 | Blue |

**Case Quantity:** 144

# Markal

## Paintstik® Markers

### B-L® Paintstik® Marker

- Real paint in stick form.
- Bleeds through solvent or oil-based paints.
- For fabricating structural steel, or layout work where the marks are required to bleed through a primer coat covering the marks.
- To prevent bleeding through the finish coat, seal the marked areas with water-based epoxy paint.
- Unit packaging: 12 to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 80725**

| Part No. | Color |
|----------|-------|
| 80725 | Blue |

**Case Quantity:** 144

### BL-W® Paintstik® Marker

- Bleeds through water-based paints
- For fabricating structural steel or layout work where the marks are required to be seen through the primer coat covering the marks.
- For marking under solvent or oil-based primers use the BL Paintstik.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 80735**

| Part No. | Color |
|----------|-------|
| 80735 | Blue |

**Case Quantity:** 144

### E® Paintstik® Marker

- Real paint in stick form.
- High intensity colors.
- For greater visibility in dimly lit areas.
- For coding, identification, layout and fabricating work.
- Long-lasting, weather-resistant, fade-resistant.
- Available in regular and king size.
- Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4" (regular) and 1" x 4-3/4 (king)
**Marking range:** -50° F to 150° F (-46° C to 66 ° C).

**Part No. 88620**

**Regular Size**

| Part No. | Color |
|----------|-------|
| 88620 | White |
| 88621 | Yellow |
| 88624 | Orange |
| 88625 | Blue |

**Case Quantity:** 144

### F® Paintstik® Fluorescent Marker

- Real paint in stick form.
- Ultra high visibility fluorescent colors.
- For marking metal, wood, glass, concrete, rubber, cardboard, and paper.
- Marks through oil and water
- Ideal for layout, inspection, and color coding.
- Glows under a black light.
- Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 82832**

| Part No. | Color |
|----------|-------|
| 82831 | Yellow |
| 82832 | Red |
| 82834 | Orange |
| 82835 | Blue |
| 82836 | Green |
| 82842 | Pink |

**Case Quantity:** 72

### FAST DRY Paintstik® Marker

- Real paint in stick form.
- Marks dry in 5 minutes.
- Ideal for marking in fabricating shops and assembly lines where immediate handling is necessary.
- For marking metal, wood, glass, plastic, concrete, rubber, cardboard, and paper.
- 3/8" size available.
- Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4" (regular) and 3/8" x 4-1/4" (king)
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 82720**

| Part No. | Size | Color |
|----------|------|-------|
| 82720 | | White |
| 82721 | 11/16" | Yellow |
| 82722 | | Red |
| 82730 | 3/8" | White |
| 82731 | | Yellow |

**Case Quantity:** 72

## Hot Surface Paintstik® Markers
• Real paint in stick form.
• Bright colors for higher visibility.
• Mark hot coils, billets, slabs, bars, ingots, etc.
• Marks will not run, char, discolor, peel or crack.
• Marks are weather and fade-resistant.
• Unit packaging: 144 of a single color to a case.

### H Paintstik®
**Size:** 3/8" x 4-5/8"
**Marking range:** 150° F to 1200° F (66° C to 649° C).

### H-T Paintstik®
**Size:** 3/8" x 4-1/2" (standard) and 3/4" x 4-5/8" (king)
**Marking range:** 250° F to 1600° F (121° C to 871° C).

### HT-34 Paintstik®
**Size:** 3/8" x 4-1/2" (standard) and 3/4" x 4-5/8" (king)
**Marking range:** 400° F to 1800° F (204° C to 982° C).

### HT-75 Paintstik®
**Size:** 3/4" x 4-5/8" King
**Marking range:** 150° F to 1000° F (66° C to 538° C).

**Part No. 81220**

| Color | H Standard | H-T Standard | H-T King |
|---|---|---|---|
| White | 81020 | 81220 | 81210 |
| Yellow | 81021 | 81221 | - |
| Red | 81022 | 81222 | - |
| Black | 81023 | 81223 | - |
| Blue | 81025 | 81225 | - |
| Green | 81026 | 81226 | - |
| Brown | 81029 | - | - |

**Case Quantity:** 144

| Color | HT-34 Standard | HT-34 King | HT-75 King |
|---|---|---|---|
| White | 84720 | 84710 | 84820 |

**Case Quantity:** 144

## M® & M-10 Paintstik® Markers
• Real paint in stick form.
• Marks withstand annealing and heat treating operations.
• For welds, ingots, castings, forgings, and annealed parts.
• Will not come off in oil or water baths.
• Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4"
Mark at: room temperature
**M withstands:** 1600° F (871° C).
**M-10 withstands:** 1800° F (982° C).

**Part No. 81920**

| Part No. | Color | Marker |
|---|---|---|
| 81920 | White | M |
| 81921 | Yellow | M |
| 81922 | Red | M |
| 81923 | Black | M |
| 82020 | White | M-10 |

**Case Quantity:** 144

## N® Paintstik® Marker
• Real paint in stick form, dries overnight.
• Marks will not show through top coat of primer or finish layer of paint.
• Ideal for shipbuilding or other metal fabrication that will be given a final coat of paint.
• For marking metal, wood, glass, plastic, concrete, rubber, cardboard, paper, and ceramic.
• Will mark on wet, dry, rusty, icy, smooth and/or rough material.
• Unit packaging: 12 of one color to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** 0° F to 150° F (-18° C to 66° C).

**Part No. 82121**

| Part No. | Color |
|---|---|
| 82120 | White |
| 82121 | Yellow |
| 82123 | Black |

**Case Quantity:** 144

**Marking and Layout Tools**

**11**

# Paintstik® Markers / Lumber & Timber Markers

## P Paintstik® Marker
- Real paint in stick form, non-drying.
- For marking steel prior to galvanizing process.
- Marks are completely removed in the pickling bath and will not interfere with the galvanizing process.
- Unit packaging: 12 to a box.

**Size:** 11/16" x 4-3/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 83420**

| Part No. | Color |
|----------|-------|
| 83420 | White |

**Case Quantity:** 144

## QUIK STIK® Paintstik® Marker
- Smooth marking, fast drying paint. Marks dry in 5-7 minutes.
- Bright, bold fade-resistant colors.
- More marks for the money, 20% longer life than other brands.
- Plastic holder with self-storing cap prevents breakage, keeps hands and clothing clean.
- Stick advances by turning twist-up knob.
- Marks on virtually any surface-metal, glass, plastic, wood, cardboard, paper, etc.

**Marking range:** 0° F to 140° F (-17° C to 60° C).

**Part No. 61068**

| Part No. | Color |
|----------|-------|
| **Carded:** 1/Card | |
| 61063 | Red |
| 61064 | Black |
| 61067 | White |
| 61068 | Yellow |

**Case Quantity:** 24

| Part No. | Color |
|----------|-------|
| **Bulk:** 12 of one color to a box | |
| 61049 | Red |
| 61050 | Black |
| 61051 | White |
| 61053 | Yellow |
| 61069 | Green |
| 61070 | Blue |
| 61071 | Orange |
| 61073 | Purple |

**Case Quantity:** 72

## WS 3/8" Paintstik® Marker
- Water soluble for easy removal.
- Smaller diameter for finer line marking.
- Ideal for the temporary marking of plastics, glass, painted metal surfaces, polished aluminum, car bumpers, and exotic metals.
- Unit packaging: 36 of one color to a box.

**Size:** 3/8" x 4-1/4"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 82420**

| Part No. | Color |
|----------|-------|
| 82420 | White |
| 82421 | Yellow |
| 82422 | Red |
| 82423 | Black |

**Case Quantity:** 144

## Lumber Crayon #200
- Wax based.
- Known as layout chalk or "keel".
- Use on lumber, concrete, metal, plastic, rubber, paper, cardboard, and ceramics.
- Standard 1/2" hexagon shape fits the #109 Peterson holder, #106 holder and #108 holder.
- Lead-free.
- Unit packaging: 12 of one color to a box.

**Size:** 1/2" hex by 4 5/8" long
**Marking Range:** -50˚ F to 150˚ F (-46˚ F to 66˚ C).

**Part No. 80350**

| Part No. | Color |
|----------|-------|
| **Bulk:** 12 of one color to a box | |
| 80350 | White |
| 80351 | Yellow |
| 80352 | Red |
| 80353 | Black |
| 80354 | Orange |
| 80355 | Blue |
| 80356 | Green |

**Case Quantity:** 144

Marking and Layout Tools

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## Lumber Crayon #500

- Also known as layout chalk or "keel".
- Longer lasting than ordinary crayons.
- Makes weather-resistant, water-resistant marks.
- Lead free.
- Marks on concrete, wood, metal, plastic, rubber, paper, cardboard and ceramics.
- Standard 1/2" hexagon shape fits the #109 Peterson holder, #106 holder and #108 holder.
- Unit packaging: 12 of one color to a box.

**Size:** 1/2" x 4-5/8"
**Marking range:** -50° F to 150° F (-46° C to 66° C).

**Part No. 80321**

| Part No. | Color |
|----------|-------|
| 80320 | White |
| 80321 | Yellow |
| 80322 | Red |
| 80323 | Black |
| 80324 | Orange |
| 80325 | Blue |
| 80326 | Green |
| 80328 | Purple |

**Case Quantity:** 144

## UltraScan® Lumber Grade Marker

- New polymer formula results in improved character recognition.
- Can color separate up to six graders on one shift.
- All colors are specifically designed to read on the Lucidyne and other grade mark readers.
- One temperature formula eliminates need for multiple hardnesses.
- Up to twice the writing life of conventional fluorescent crayons.

**Size:** 11/16" X 4-3/4" round

**Part No. 82433**

| Part No. | Color |
|----------|-------|
| 82431 | Magenta 21 |
| 82433 | Orange 41 |
| 82434 | Berry 51 |
| 82435 | Lime 61 |
| 82439 | Dark Orange 42 |
| 82441 | Green 62 |
| 82442 | Rust 13 |
| 82443 | Salmon 23 |
| 82444 | Hot Pink 33 |
| 82469 | Tan 45 |

**Case Quantity:** 72

## Scan-It Plus® Fluorescent Crayon

- Certified to meet the specifications of Lucidyne ColorScan® Grade Mark Readers.
- Each batch tested on Lucidyne ColorScan® Grade Mark Reader.
- Works on wet or green wood, as well as wood that contains pitch and sap.
- Extremely accurate readability lowers your operating costs.
- 14 fluorescent colors available in 3 hardnesses (soft, medium and hard).

**Size:** Round (11/16" X 4-5/8").
**Marking Range:** -20˚ F to 130˚ F (-29˚ C to 54˚ C).

**Part No. 82658**

| Part No. (Soft) | Color |
|----------|-------|
| 82635 | Blue Moon |
| 82636 | Orange Sherbet |
| 82637 | Watermelon Red |
| 82638 | Red Cedar |
| 82645 | Pink Lightning |
| 82658 | Lime Green |
| 82659 | Lemon Yellow |

## Railroad Chalk

- Ideal for making temporary marks on most surfaces.
- Marks on metal, wood, concrete, cardboard, rubber, plastic, etc.
- The easy-to-hold 4" x 1" tapered shape makes broad, easy-to-read marks.
- Unit packaging: 144 per box. Packed 4 one gross boxes per case to prevent breakage during shipping.

| Part No. | Color |
|----------|-------|
| 80500 | White |
| 80501 | Yellow |
| 80502 | Red |
| 80505 | Blue |
| 80506 | Green |

Sold per gross

**Marking and Layout Tools**

**11**

## Scotch® Box Sealing Tape 311

- Acrylic adhesive offers instant seal.
- Seals well in cold, damp conditions (40° - 50° F) and on recycled fiberboard.
- Polypropylene backing adds tear resistance and excellent aging.

| Part No./UPC | Description |
|---|---|
| 02120088290 | Tan 2" x 60 yds. (50 mm x 55 m) |
| 02120088292 | Clear 2" x 60 yds. (50 mm x 55 m) |

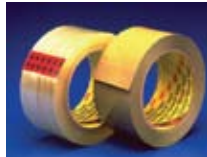## Scotch® High Performance Box Sealing Tape 373

- For medium weight, large or high value content packaging.
- Strong tape provides tear and split resistance.
- Sticks well and handles under tough conditions.

| Part No./UPC | Description |
|---|---|
| 02120072359 | Clear 2" x 36 yds. (50 mm x 33 m) |
| 02120069605 | Tan 4" x 36 yds. (101 mm x 33 m) |
| 02120072368 | Tan 2" x 36 yds. (50 mm x 33 m) |
| 02120072361 | Clear 4" x 60 yds. (101 mm x 55 m) |

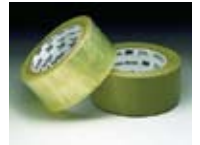## Scotch® Superior Performance Box Sealing Tape 375

- Extremely versatile superior performance box sealing tape.
- Seal heavy, high value, over packed or under packed packages.
- Strong for demanding situations.
- Meets US postal regulations.

| Part No./UPC | Description |
|---|---|
| 02120072406 | Clear 2" x 36 yds. (50 mm x 33 m) |

## Tartan™ Box Sealing Tape 369

- For non-critical packaging and sealing.
- Seal or bundle lightweight boxes with low value contents.
- Reliable, pressure sensitive box sealing tape can also be used with palletized loads.

| Part No./UPC | Description |
|---|---|
| 02120061547 | Tan 2" x 36 yds. (50 mm x 33 m) |
| 02120061551 | Clear 2" x 36 yds. (50 mm x 33 m) |
| 02120062481 | Tan 4" x 60 yds. (101 mm x 55 m) |
| 02120061554 | Clear 4" x 60 yds. (101 mm x 55 m) |

## 3M™ General Purpose Vinyl Tape 764

- Ideal for color coding various parts and equipment, hazards on or near equipment.
- Use for securing bundled parts for efficient transportation.
- Great for providing a broad variety of holding functions.

| Part No./UPC | Description |
|---|---|
| 02120043428 | Black 1" x 36 yds. (25 mm x 33 m) |
| 02120043466 | Gray 1" x 36 yds. (25 mm x 33 m) |

## 3M™ General Purpose Vinyl Tape 766 and 767

- Stripes promote employee safety by marking pinch points or gears on equipment.
- Prevents accidents by providing temporary floor marking around equipment or spills.
- Mark risers on stairways or low-clearance areas.

| Part No./UPC | Description |
|---|---|
| 02120043181 | 766 black/ yellow 2" x 36 yds. (50 mm x 33 m) |
| 02120043186 | 767 red/ white 2" x 36 yds. (50 mm x 33 m) |

## Scotch® Super 33+ Vinyl Plastic Electrical Tape

- The first and only 7 mil "one tape for all jobs".
- It wraps and holds in all weather and will continue to perform in sub-zero temperatures or in continuous temperature environment up to 220° F (105° C).
- Conforms remarkably well.
- Resistant to oil, water, wear, chemicals and solvents.

| Part No./UPC | Description |
|---|---|
| 05400706132 | 3/4" x 66 ft. (19 mm x 20 m) |

*Markal*®

## Duct Tape

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

| Part No. | Size |
|---|---|
| 44099 | 2" x 60 yds |

**Case Quantity:** 24

**Industrial Accessories**

**12**