

INDUSTRIAL STRENGTH

Marking Tools That Work



INDUSTRIAL STRENGTH

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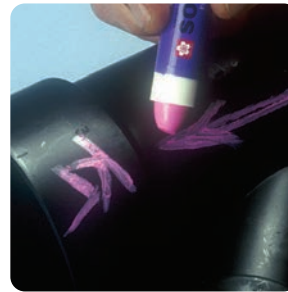
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Since the 1970's, Sakura has been developing markers and pens for use in industrial environments. Extensive research, development and user feedback have kept Sakura in the forefront of meeting the market demand for specific product performance in various industrial applications such as ship building, welding, HVAC, highway construction, aerospace, plumbing, automotive assembly, petrochemical, shipping and electronics.

Since these products are applied by hand, Sakura's Quality Control standards use solvents and coloring agents that are certified to conform to ASTM D-4236 toxicology safety standards.

PREVENT GRAFFITI! Retailers are cautioned to be aware of State and local laws which restrict the sale of these products to minors under age eighteen years. These products are intended for industrial and commercial purposes only. Defacing public or private property is illegal under state and local laws and possession of such products is similarly illegal for minors.

Acceptance of this product for distribution and sale acknowledges your company's responsibility in distributing and reselling this product for legal purposes only and restricts the sale to minors under eighteen years of age, where State and local laws apply.

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American Welding Society®

Supporting Company Member

SOLID MARKER® ORIGINAL

SOLIDIFIED PAINT ORIGINAL FORMULATION

The tough marker for tough jobs, the Solid Marker is solidified paint in marker form. It marks through dust, rust, water – inside or outside on smooth or rough surfaces. Dries within minutes, and is permanent once dry. Solid Marker won't fade or wash off like chalk. The twist mechanism keeps paint fresh and ready to use. Ideal for use on wood, cloth and canvas, plastic, steel and iron, rubber, cardboard, glass, fiberglass and concrete. Solid Marker features a tough, broad stroke, quick dry time, low odor and is non-toxic.

This marker is widely used in commercial and industrial applications in construction, welding and fabrication, pipelines and drilling, assembly lines, automotive tires and windshields, HVAC, plumbing systems or with stencils. The 13mm tip size can be trimmed with a knife for smaller marks. Alcohol-based cleaners will remove marks from most non-porous surfaces. SDS sheets available upon request. Fluorescent colors reflect under UV light and offer higher visibility in low light conditions.

*Fluorescent colors are not fade resistant.



ORIGINAL

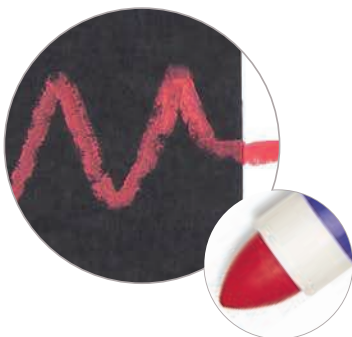
OPEN STOCK #	OPEN STOCK UPC	BLISTER STOCK#	BLISTER CARDED UPC	DESCRIPTION
XSC-50	0 84511 30766 7	46580	0 53482 46580 5	○ WHITE
XSC-49	0 84511 30765 0	46581	0 53482 46581 2	● BLACK
XSC-36	0 84511 30764 3	46582	0 53482 46582 9	● BLUE
XSC-19	0 84511 30761 2	46583	0 53482 46583 6	● RED
XSC-29	0 84511 30763 6	46584	0 53482 46584 7	● GREEN
XSC-24	0 84511 30762 9	46586	0 53482 46586 7	● PURPLE
XSC-5	0 84511 30759 9	46587	0 53482 46587 4	● ORANGE
XSC-3	0 84511 30758 2	46588	0 53482 46588 1	● YELLOW
XSC-302	0 84511 38026 4	46591	0 53482 46591 1	● FL. LEMON
XSC-305	0 84511 38027 1	46592	0 53482 46592 8	● FL. ORANGE
XSC-320	0 84511 38028 8	46593	0 53482 46593 5	● FL. PINK

KEY FEATURES

- Handy applicator marks smoothly from the first stroke
- Dries permanent
- Waterproof and fade resistant*
- Marks almost any surface
- No mess and no dripping

Counter display also available.

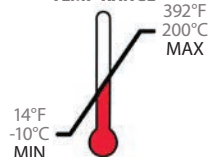
Open Stock Carton/Case:12/432, Blister card Carton/Case: 6/72



ORIGINAL
13 mm



TEMP RANGE



SOLID MARKER® LT & LTS LOW TEMPERATURE



LOW TEMPERATURE MINI

LOW TEMPERATURE

KEY FEATURES

- for cold temperatures
- marks difficult surfaces
- waterproof (except on glass)
- no dripping or mess

PERMANENT SOLIDIFIED PAINT MARKER FORMULATED FOR COLD TEMPERATURE ENVIRONMENTS

The tough marker for tough jobs, Solid Marker marks almost any surface, dry or wet, dusty, rusty or rough. This solidified paint marker allows users to mark at any angle, sideways or upside down with no dripping. To advance, simply twist-up the Low Temperature marker and push the bottom of the Low Temperature Mini marker. Solid Marker is ready for immediate use and marks smoothly from the start. The 13mm regular and 10mm mini tips can be trimmed with a blade for finer marks.

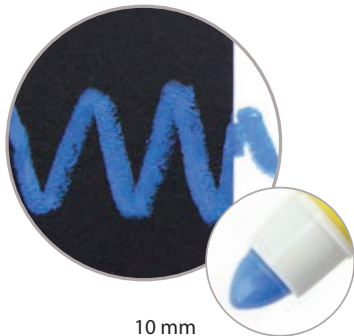
Specifically formulated for cold temperatures, this marker works indoors or outdoors even when it is raining or snowing. The quick-drying formula dries permanently within 5 to 7 minutes.* Marks are waterproof (except on glass) and fade-resistant. Certified non-toxic, SDS sheets available upon request.

*Note: marks may be removed from most non-porous surfaces with alcohol-based solvents and scrubbing.

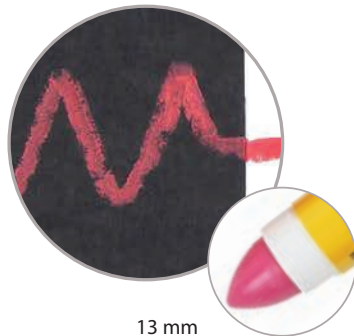
OPEN STOCK #	OPEN STOCK UPC	BLISTER STOCK #	BLISTER CARDED UPC	DESCRIPTION
XSC-T-50	0 84511 30772 8	46655	0 53482 46655 0	○ WHITE
XSC-T-3	0 84511 30767 4	46652	0 53482 46652 9	● YELLOW
XSC-T-19	0 84511 30768 1	46650	0 53482 46650 5	● RED
XSC-T-36	0 84511 30770 4	46653	0 53482 46653 6	● BLUE
XSC-T-29	0 84511 30769 8	46651	0 53482 46651 2	● GREEN
XSC-T-49	0 84511 30771 1	46654	0 53482 46654 3	● BLACK
XSCM-T-50	0 84511 39990 7			○ WHITE - MINI
XSCM-T-3	0 84511 39986 0			● YELLOW - MINI
XSCM-T-19	0 84511 39987 7			● RED - MINI
XSCM-T-36	0 84511 39988 4			● BLUE - MINI
XSCM-T-49	0 84511 39989 1			● BLACK - MINI

LT: Open Stock Carton/Case:12/432, Blister card Carton/Case: 6/72

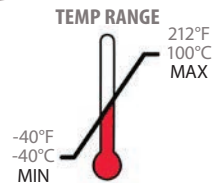
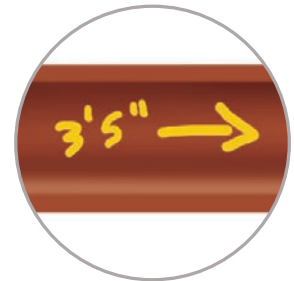
LTS: Open Stock Carton/Case:12/504



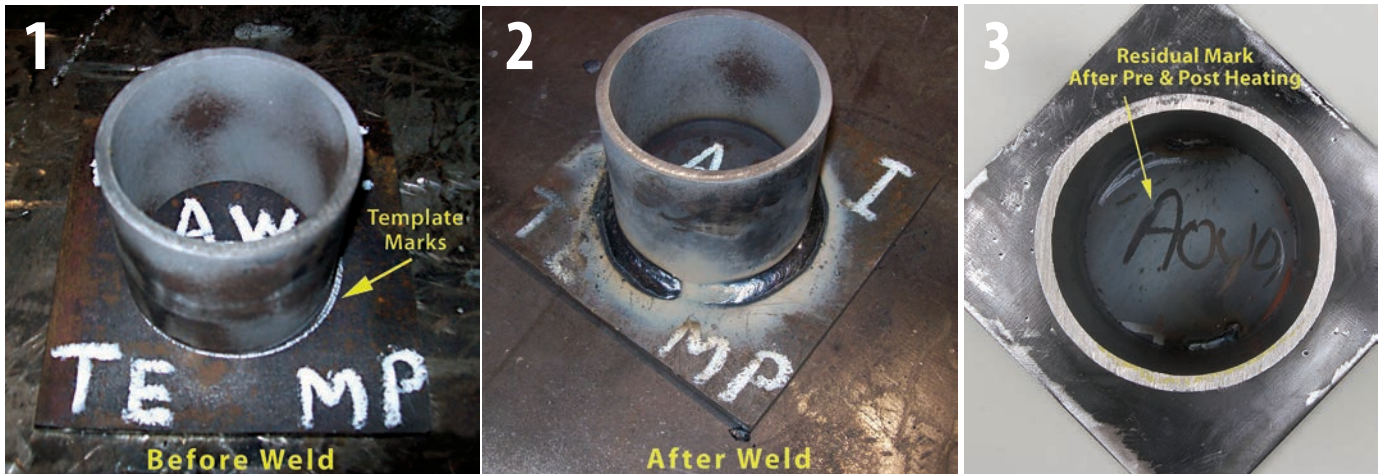
10 mm



13 mm



SOLID MARKER WELDING APPLICATION



MARKS RESIST BURN-OFF

- Keeps template marks from disappearing
- Facilitate pre-heat/post-heat verification
- Marks through rust, dust and water

Marks made with Solid Marker do not burn off when in close proximity to the welding torch tip, as shown in the example photos. Notate "pre" and "post" heat temperatures directly on the "base" and "weld" metals without vaporizing the markings. For welds on surface temperature below 392°F (200°C), the opaque marks are clearly visible (Photos 1 and 2). At temperatures about 392°F the color pigments burn away, leaving a visible after-mark (Photo 3).



SOLID MARKER® LH LOW HALOGENS & CHLORIDES



LOW HALOGEN, LOW CHLORIDE MARKER

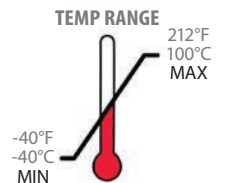
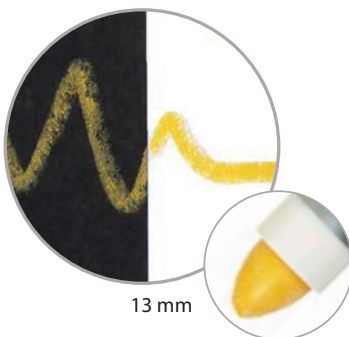
This marker is a low chloride and low halogen solidified paint formula ideal for environments where corrosion and metal fatigue are a concern. Low Halogen Marker contains less halogens (Br, Cl, F, I) and metal ingredients (Zn, Pb, Hg, Cu, Fe, S) meeting RDT F-7-3T requirements and is certified non-toxic. The 13 mm tip can be trimmed with a blade for finer marks.

The handy applicator features an easy twist-up mechanism that keeps paint ready to use. The paint dries quickly in minutes, is waterproof, and fade and chemical resistant. The working temperature range is -40° to 212°F (-40° to 100°C), and is recommended for clean, dry surfaces. Alcohol based cleaners will remove marks from most non-porous surfaces. Possible applications include use on stainless steel, petrochemical and refineries, energy power plants, desalinization plants, transportation infrastructure and aerospace. Documentation concerning low chloride and low halogen content, and SDS sheets are available upon request.

OPEN STOCK #	DESCRIPTION	CARTON/CASE	UPC
XSCLH-50	○ WHITE	12/432	0 84511 39200 7
XSCLH-49	● BLACK	12/432	0 84511 39199 4
XSCLH-19	● RED	12/432	0 84511 39198 7
XSCLH-3	● YELLOW	12/432	0 84511 39197 0

KEY FEATURES

- low halogen
- low chloride
- no dripping or mess
- waterproof



SOLID MARKER® L LUMINESCENT PAINT

SOLID MARKER® GLOW-IN-THE-DARK

Solid Marker Glow-In-The-Dark is the first marker of its kind to incorporate safety-grade photo luminescent material for easy Glow-In-The-Dark safety applications. It can write on, stay on, and glow on smooth, rough, wet or damp surfaces. Photo luminescent pigments are better than novelty grade-because they glow brighter after the same light exposure. The brightness and the duration of the glow mark can be up to 30 minutes, but is dependent upon four factors:

- the intensity of the light/energy source the mark is exposed to,
- the distance of the light/energy,
- the duration of time which the mark is exposed,
- and the paint thickness of the mark.

Possible applications include those for safety, aerospace, commercial fishing boats, fire stations, mining, search and rescue, automotive sales, construction sites, highway construction, shipping, warehouses, and safety and directional signage. The 13mm wide stick can be trimmed with a knife for smaller marks. Working temperature of 15°F to 248°F (-10°C to 120°C). The easy twist-up paint advance and secure cap keep this paint marker ready to use. Meets ASTM E2072-02 Luminance Standard. Avoid use on acidic surfaces lower than a pH of 2.0. Alcohol based cleaners will remove ink from most non-porous surfaces. Water resistant on most surfaces. Dries within 10 minutes. SDS sheets are available upon request.



STOCK #	DESCRIPTION	CARTON/CASE	UPC
XSC-300	● OPEN STOCK MARKER	12/432	0 84511 38532 0
46594	● BLISTER CARDED RETAIL PACKAGE	6/72	0 53482 46594 2

KEY FEATURES

- marks multiple surfaces
- safety-grade luminescent solid paint
- indoor/outdoor applications



13 mm



TEMP RANGE
248°F
120°C
MAX





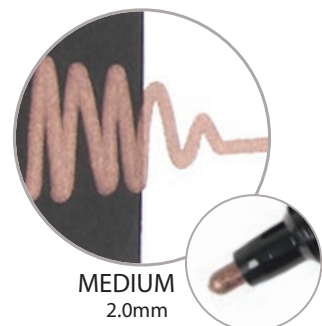
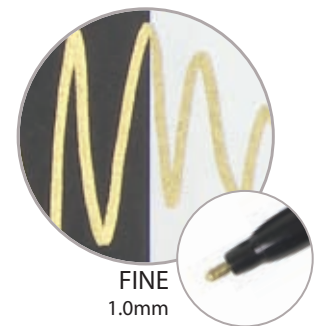
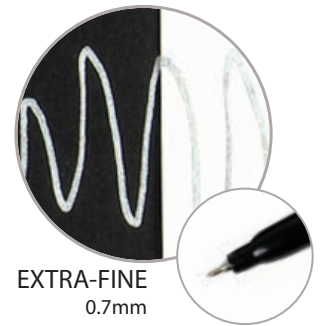
LIQUID PAINT MARKERS

Pen-touch inks lay down opaque marks on most papers and non-porous surfaces. Ideal for finer marks on steel and iron, sheet metal, glass and plexi-glass, wood, ceramics and porcelain, and plastics. New ultraviolet and fluorescents markers are reflective under UV/black light.

Industrial applications of these valve type paint markers include marking and identifying parts, pipes and tubing, sheet metal, wiring, construction assembly, manufacturing and fabrication processes. Pen-touch adheres to most surfaces permanently, is low-odor and xylene-free. Certified non-toxic, MSDS sheets available. Not considered a bleed-through marker.



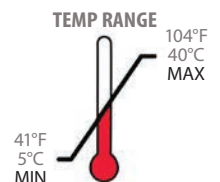
STOCK #	DESCRIPTION	CARTON/CASE	UPC
41101	● EF - GOLD	12/576	0 84511 36277 2
41102	● EF - SILVER	12/576	0 84511 36278 9
41103	● EF - COPPER	12/576	0 84511 39609 8
42100	○ EF - WHITE	12/576	0 84511 36283 3
XPSKA-49	● EF - BLACK	12/576	0 84511 39610 4
XPSKA-302	● EF - FL. YELLOW	12/576	0 84511 32265 3
XPSKA-305	● EF - FL. ORANGE	12/576	0 84511 32266 0
XPSKA-319	● EF - FL. RED	12/576	0 84511 32267 7
XPSKA-320	● EF - FL. PINK	12/576	0 84511 32268 4
XPSKA-336	● EF - ULTRAVIOLET	12/576	0 84511 32269 1
41301	● FINE - GOLD	12/576	0 84511 36279 6
41302	● FINE - SILVER	12/576	0 84511 36280 2
41303	● FINE - COPPER	12/576	0 84511 38727 0
42300	○ FINE - WHITE	12/576	0 84511 36284 0
XPMKA-49	● FINE - BLACK	12/576	0 84511 39062 1
XPMKA-3	● FINE - YELLOW	12/576	0 84511 39710 1
XPMKA-19	● FINE - RED	12/576	0 84511 39711 8
XPMKA-24	● FINE - PURPLE	12/576	0 84511 39712 5
XPMKA-29	● FINE - GREEN	12/576	0 84511 39713 2
XPMKA-36	● FINE - BLUE	12/576	0 84511 39714 9
XPMKA-302	● FINE - FL. YELLOW	12/576	0 84511 32270 7
XPMKA-305	● FINE - FL. ORANGE	12/576	0 84511 32271 4
XPMKA-319	● FINE - FL. RED	12/576	0 84511 32272 1
XPMKA-320	● FINE - FL. PINK	12/576	0 84511 32273 8
XPMKA-336	● FINE - ULTRAVIOLET	12/576	0 84511 32274 5
41501	● MED - GOLD	12/576	0 84511 36281 9
41502	● MED - SILVER	12/576	0 84511 36282 6
41503	● MED - COPPER	12/576	0 84511 38728 7
42500	○ MED - WHITE	12/576	0 84511 36285 7
XPFKA-49	● MED - BLACK	12/576	0 84511 39068 3
XPFKA-3	● MED - YELLOW	12/576	0 84511 39715 6
XPFKA-19	● MED - RED	12/576	0 84511 39716 3
XPFKA-24	● MED - PURPLE	12/576	0 84511 39717 0
XPFKA-29	● MED - GREEN	12/576	0 84511 39718 7
XPFKA-36	● MED - BLUE	12/576	0 84511 39719 4
XPFKA-302	● MED - FL. YELLOW	12/576	0 84511 32275 2
XPFKA-305	● MED - FL. ORANGE	12/576	0 84511 32276 9
XPFKA-319	● MED - FL. RED	12/576	0 84511 32277 6
XPFKA-320	● MED - FL. PINK	12/576	0 84511 32278 3
XPFKA-336	● MED - ULTRAVIOLET	12/576	0 84511 32279 0



KEY FEATURES

- opaque paint marker
- marks multiple surfaces
- low-odor
- xylene-free
- liquid paint

Blister-carded retail product, counter and shelf displays also available.



PERMAPAQUE®

PERMAPAQUE® MARKER

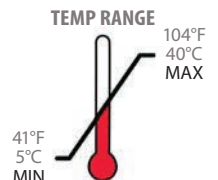
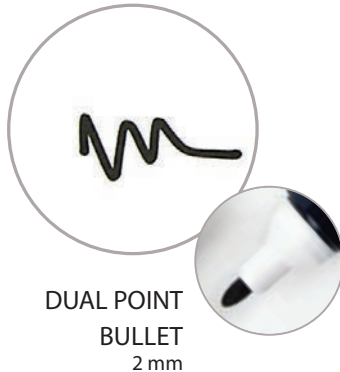
Permapaque® Opaque Paint Markers require no shaking or pumping. The dual-point has a chisel point at one end and a bullet point at the other, for both detail and wider coverage. Fine point is available for detailed work. Quick drying, pigment based ink, odorless, non-toxic and are suitable for a wide variety of industrial environments. Industrial uses include coated papers, marking wood, metal, plastic tubes, aluminum, vinyl, porcelain, wiring, harnesses and glass. Not recommended for use on fabrics intended to be washed. Alcohol based cleaners will remove ink from most non-porous surfaces.



FINE STOCK #	UPC	DUAL TIP STOCK #	UPC	DESCRIPTION
XZPK-SN-12	0 84511 34474 7	XZPK-TN-12	0 84511 33229 4	BROWN
XZPK-SN-19	0 84511 34475 4	XZPK-TN-19	0 84511 33230 0	RED
XZPK-SN-24	0 84511 34477 8	XZPK-TN-24	0 84511 33232 4	PURPLE
XZPK-SN-29	0 84511 34479 2	XZPK-TN-29	0 84511 33234 8	GREEN
XZPK-SN-3	0 84511 34471 6	XZPK-TN-3	0 84511 33226 3	YELLOW
XZPK-SN-36	0 84511 34481 5	XZPK-TN-36	0 84511 33236 2	BLUE
XZPK-SN-49	0 84511 34482 2	XZPK-TN-49	0 84511 33237 9	BLACK
XZPK-SN-5	0 84511 34472 3	XZPK-TN-5	0 84511 33227 0	ORANGE
XZPK-SN-50	0 84511 34483 9	XZPK-TN-50	0 84511 33238 6	WHITE
XZPK-SN-20	0 84511 34476 1	XZPK-TN-20	0 84511 33231 7	PINK
XZPK-SN-27	0 84511 34478 5	XZPK-TN-27	0 84511 33233 1	YELLOW-GREEN
XZPK-SN-425	0 84511 34480 8	XZPK-TN-425	0 84511 33235 5	SKY BLUE
XZPK-SN-7	0 84511 34473 0	XZPK-TN-7	0 84511 33228 7	PALE ORANGE
XZPK-SN-51	0 84511 34484 6	XZPK-TN-51	0 84511 33239 3	METALLIC GOLD
XZPK-SN-53	0 84511 34485 3	XZPK-TN-53	0 84511 33240 9	METALLIC SILVER
XZPK-SN-54	0 84511 34486 0	XZPK-TN-54	0 84511 33241 6	METALLIC BRONZE
XZPK-SN-520	0 84511 34487 7	XZPK-TN-520	0 84511 33242 3	METALLIC PINK
XZPK-SN-524	0 84511 34488 4	XZPK-TN-524	0 84511 33243 0	METALLIC PURPLE
XZPK-SN-529	0 84511 34489 1	XZPK-TN-529	0 84511 33244 7	METALLIC GREEN
XZPK-SN-536	0 84511 34490 7	XZPK-TN-536	0 84511 33245 4	METALLIC BLUE

Fine Point: Open Stock Carton/Case:12/1152
Dual Point: Open Stock Carton/Case:12/480

- ### KEY FEATURES
- pigment based ink
 - dual-point has two tips
 - marks on multiple surfaces
 - no shaking or pumping



Permanent Ink, Dual-Point Pen. IDENTI-PEN



DUAL POINT MULTI-SURFACE MARKER

This multi-purpose pen marks on almost any surface. The dual point IDenti-pen is two, permanent sharp-pointed marking pens in one: a tough fiber, fine-point bullet nib on one end and an extra fine plastic tip for details on the other. Use this pen on paper products and non-porous surfaces such as metal, glass, tools, sporting goods, test tubes, photographs, plastics, CDs, DVDs, vinyl, wood products, tags and labels.

IDenti-Pen ink is permanent, waterproof, low odor and built for heavy use. The alcohol solvent, dye-stuff colorant ink will mark on nearly any surface including slick PVC and poly-propylene sheet protectors. Alcohol based cleaners will remove ink from most non-porous surfaces. Not recommended for use on fabrics intended to be washed.



OPEN STOCK #	DESCRIPTION	CARTON/CASE	UPC
44101	● BLACK	12/1152	0 84511 36258 1
44102	● BLUE	12/1152	0 84511 36504 9
44103	● RED	12/1152	0 84511 36259 8
44104	● GREEN	12/1152	0 84511 36516 2
44105	● BROWN	12/1152	0 84511 36505 6
44106	● PURPLE	12/1152	0 84511 36506 3
44107	● ORANGE	12/1152	0 84511 36507 0
44108	● YELLOW	12/1152	0 84511 36508 7

BLISTER CARD RETAIL PACKAGING

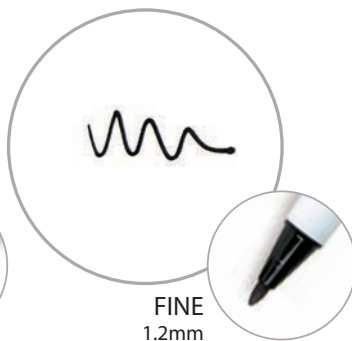
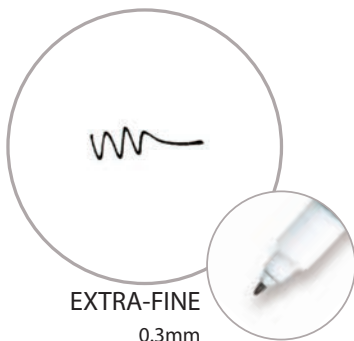
44181	● BLACK	6/72	0 53482 44181 6
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ASSORTED SETS

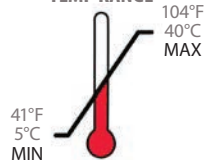
44162	●●●●●●●● 8 PK ASST	6/72	0 53482 44162 5
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KEY FEATURES

- low-odor
- fine-line nib has protected tip that will not split
- waterproof when dry



TEMP RANGE



MICROPERM[®]

PERMANENT INK MARKER

ULTRA-FINE POINT

Microperm is an ultra-fine line, waterproof, permanent ink pen. The alcohol solvent, dye-stuff colorant ink will mark on nearly any surface including metal, glass, plastic, wood and cellophane. An ideal product for incredible detail, precision and permanence.

Not recommended for use on fabrics. Alcohol-based cleaners will remove ink from most non-porous surfaces. Applications include transparencies, x-rays, test tubes, glass slides, diamond markings, CD labeling, photos, electrical wires, tags and labels.

Shelf displays and counter displays also available.

OPEN STOCK #	DESCRIPTION	CARTON/CASE	UPC
XEOK01-49	● BLACK 01 - 0.25 mm	12/1152	0 84511 36649 7
XEOK03-49	● BLACK 03 - 0.35 mm	12/1152	0 84511 36652 7
XEOK05-49	● BLACK 05 - 0.45 mm	12/1152	0 84511 36655 8

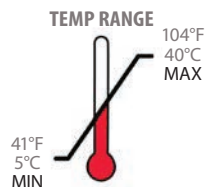
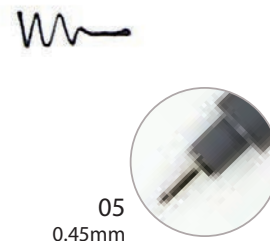
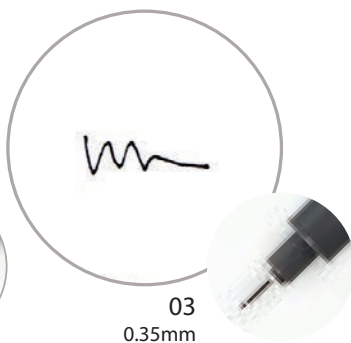
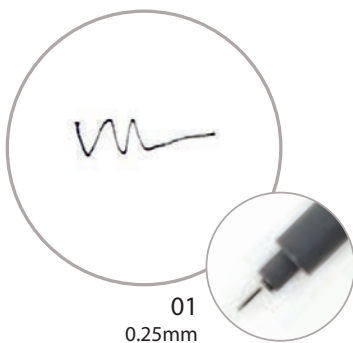
BLISTER CARD RETAIL PACKAGING

34061	● BLACK 3 PK - 01, 03, 05	6/72	0 53482 34061 4
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KEY FEATURES

- marks hard to mark surfaces like glass and plastic
- ultra-fine precise lines
- waterproof when dry





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