

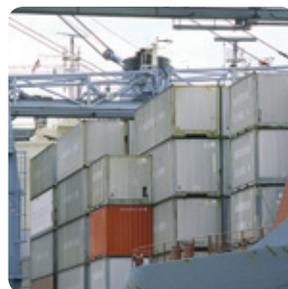
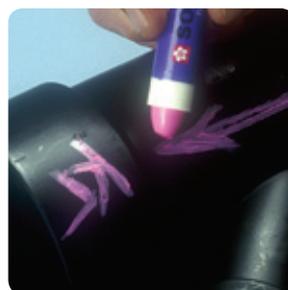
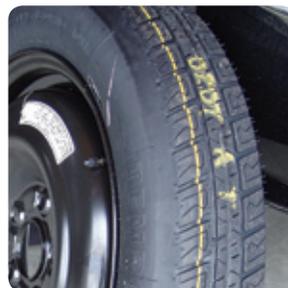
INDUSTRIAL STRENGTH

Marking Tools That Work



INDUSTRIAL STRENGTH

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SAKURA OF AMERICA
800.776.6257
www.SakuraofAmericaIndustrial.com

SOLID MARKER® O SOLID MARKER® SLIM OS

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 13 mm regular and 10 mm slim markers 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

ORIGINAL SLIM

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
XSCS-50	0 84511 39104 8	46680	0 53482 46680 2	○ WHITE - SLIM
XSCS-49	0 84511 39107 9	46681	0 53482 46681 9	● BLACK - SLIM
XSCS-19	0 84511 39106 2	46683	0 53482 46683 3	● RED - SLIM
XSCS-3	0 84511 39105 5	46688	0 53482 46688 8	● YELLOW - SLIM

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, Blistercard Carton/Case: 6/72



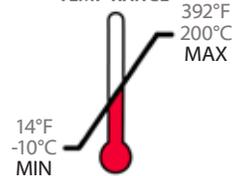
SLIM
10 mm



ORIGINAL
13 mm



TEMP RANGE



SOLID MARKER® LT & LTS LOW TEMPERATURE



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 Slim marker. Solid Marker is ready for immediate use and marks smoothly from the start. The 13mm regular and 10mm slim 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.

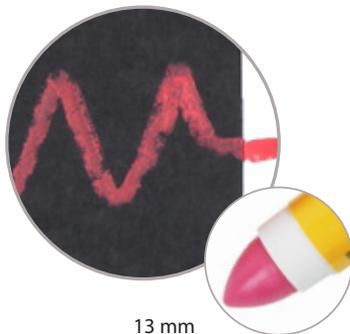
*Note: marks may be removed from most non-porous surfaces with alcohol-based solvents and scrubbing.

KEY FEATURES

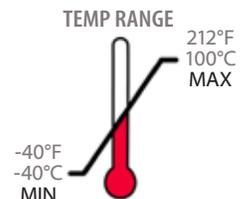
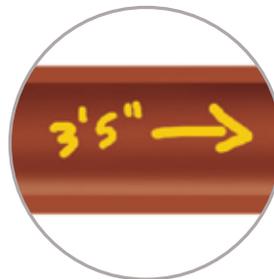
- for cold temperatures
- marks difficult surfaces
- waterproof (except on glass)
- no dripping or mess

OPEN STOCK #	OPEN STOCK UPC	BLISTER STOCK #	BLISTER CARDED UPC	DESCRIPTION	
XSC-T-50	0 84511 30772 8	46655	0 53482 46655 0	WHITE	<input type="checkbox"/>
XSC-T-3	0 84511 30767 4	46652	0 53482 46652 9	YELLOW	<input checked="" type="checkbox"/>
XSC-T-19	0 84511 30768 1	46650	0 53482 46650 5	RED	<input checked="" type="checkbox"/>
XSC-T-36	0 84511 30770 4	46653	0 53482 46653 6	BLUE	<input checked="" type="checkbox"/>
XSC-T-29	0 84511 30769 8	46651	0 53482 46651 2	GREEN	<input checked="" type="checkbox"/>
XSC-T-49	0 84511 30771 1	46654	0 53482 46654 3	BLACK	<input checked="" type="checkbox"/>
XSCM-T-50	0 84511 39990 7			WHITE - SLIM	<input type="checkbox"/>
XSCM-T-3	0 84511 39986 0			YELLOW - SLIM	<input checked="" type="checkbox"/>
XSCM-T-19	0 84511 39987 7			RED - SLIM	<input checked="" type="checkbox"/>
XSCM-T-36	0 84511 39988 4			BLUE - SLIM	<input checked="" type="checkbox"/>
XSCM-T-49	0 84511 39989 1			BLACK - SLIM	<input checked="" type="checkbox"/>

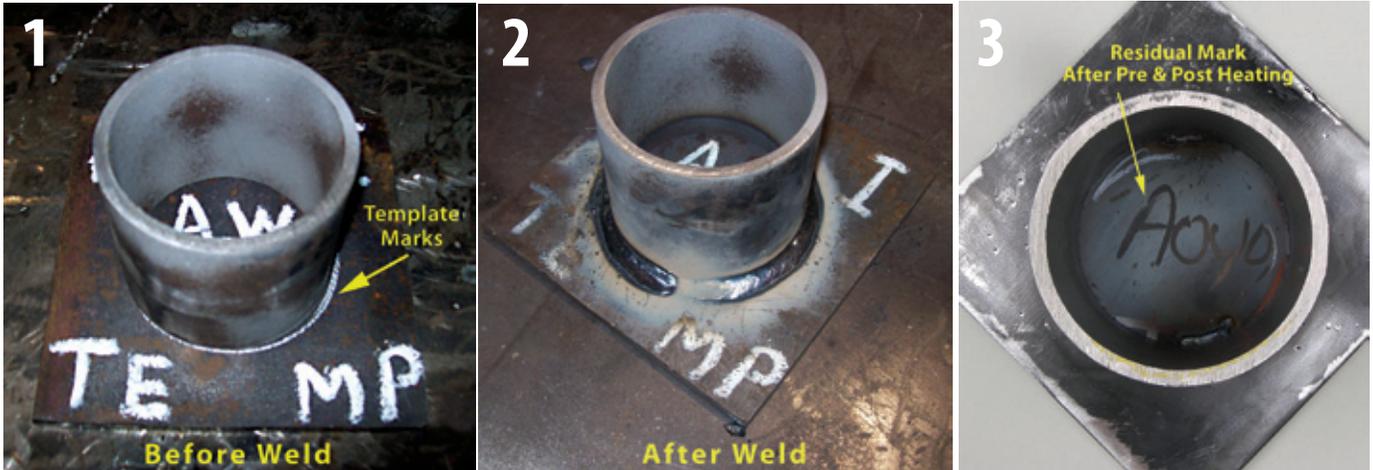
LT: Open Stock Carton/Case:12/432, Blistercard Carton/Case: 6/72
LTS: Open Stock Carton/Case:12/504



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 show 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.

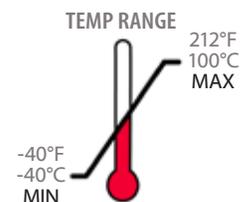
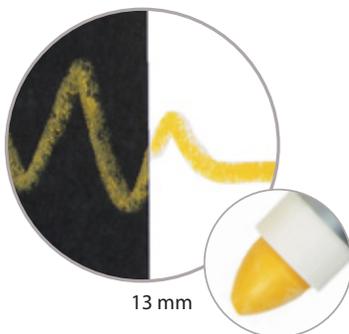
KEY FEATURES

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

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

BLISTER CARD RETAIL PACKAGING

46780	○ WHITE	6/72	0 53482 46780 9
46781	● BLACK	6/72	0 53482 46781 6
46782	● RED	6/72	0 53482 46782 3
46783	● YELLOW	6/72	0 53482 46783 0



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



TEMP RANGE
248°F
120°C
MAX



15°F
-10°C
MIN



INDUSTRIAL WATER SOLUBLE CRAYON MARKER (WSC)



WATER SOLUBLE CRAYON MARKER

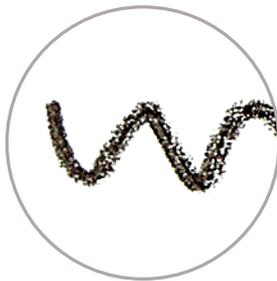
This general purpose crayon marker is made for a variety of temporary industrial applications where the mark needs to be removed. It writes on most dry, smooth or rough surfaces. WSC is suitable for marking on glass, PVC, tin, iron, steel, wood, concrete, aluminum, etc. The mark is easily removed from non-porous surfaces with water and a cloth. Working temperature range: 14°F to 122°F (-10°C to 50°C).

15mm diameter x 125mm length (5/8" diameter x 5" length). Will fit in most generic lumber crayon holders for frequent use.

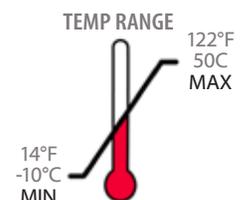
STOCK #	DESCRIPTION	CARTON/CASE
WSC-50	○ WHITE	10/200
WSC-49	● BLACK	10/200
WSC-19	● RED	10/200
WSC-3	● YELLOW	10/200

KEY FEATURES:

- remove marks easily with damp cloth
- marks on most surfaces
- no dripping or mess
- marks smoothly from the start



15 mm mark



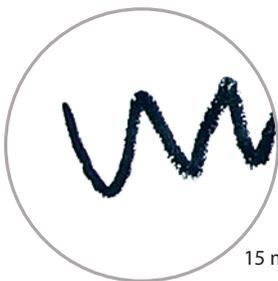
INDUSTRIAL PERMANENT CRAYON MARKER (GHY)

INDUSTRIAL PERMANENT CRAYON MARKER (GHY)

The GHY general purpose crayon marker is made for a variety of industrial applications. It writes on most dry or wet surfaces (except on wet glass). It is waterproof and highly fade-resistant on most non-porous surfaces and is easily applied on smooth and rough surfaces. Marking surfaces include PVC, tin, iron, steel, wood, concrete, aluminum and glass. GHY is removable from most non-porous surfaces only through friction caused by hard rubbing. Working temperature range: 14°F to 122°F (-10°C to 50°C).

15 mm diameter x 125mm length (5/8" diameter x 5" length) Will fit in most generic lumber crayon holders for frequent use.

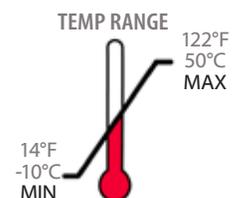
STOCK #	DESCRIPTION	CARTON/CASE
GHY-50	○ WHITE	10/200
GHY-49	● BLACK	10/200
GHY-19	● RED	10/200
GHY-3	● YELLOW	10/200



15 mm mark

KEY FEATURES:

- permanent
- economical
- no dripping or mess
- marks smoothly from the start





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.

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.

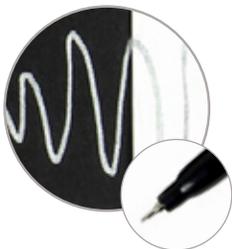


KEY FEATURES

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

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
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
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

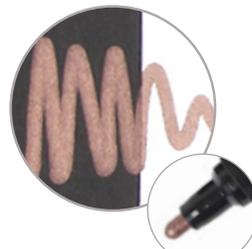
Blister-carded retail product, counter and shelf displays also available.



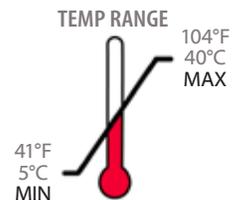
EXTRA-FINE 0.7MM



FINE 1.0MM



MEDIUM 2.0MM



PERMAPAQUE® DUAL-POINT MARKER

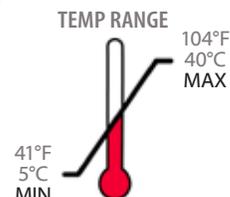
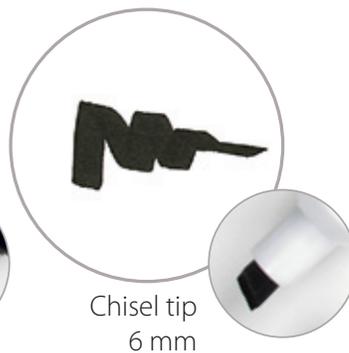
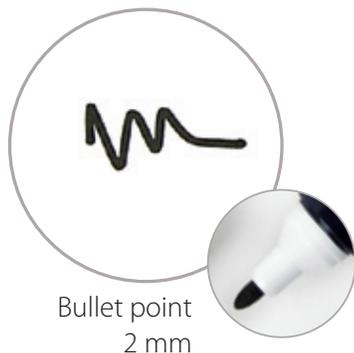
Permapaque® Dual Point Opaque Paint Markers require no shaking or pumping. The Permapaque marker has two points: a chisel point at one end and a bullet point at the other, for both detail and wider coverage. With quick drying, pigment based ink, these markers are odorless, non-toxic and are suitable for a wide variety of industrial environments. Permapaque markers are especially unique for their ability to write on coated papers. Industrial uses include 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.



STOCK #	DESCRIPTION	CARTON/CASE	UPC
XZPK-T-12	BROWN	12/480	0 84511 37586 4
XZPK-T-19	RED	12/480	0 84511 37587 1
XZPK-T-24	PURPLE	12/480	0 84511 37588 8
XZPK-T-29	GREEN	12/480	0 84511 37589 5
XZPK-T-3	YELLOW	12/480	0 84511 37590 1
XZPK-T-36	BLUE	12/480	0 84511 37591 8
XZPK-T-49	BLACK	12/480	0 84511 37592 5
XZPK-T-5	ORANGE	12/480	0 84511 37593 2
XZPK-T-50	WHITE	12/480	0 84511 37594 9
XZPK-T-20	PINK	12/480	0 84511 37724 0
XZPK-T-27	YELLOW-GREEN	12/480	0 84511 37725 7
XZPK-T-425	SKY BLUE	12/480	0 84511 37726 4
XZPK-T-7	PALE ORANGE	12/480	0 84511 37727 1
XZPK-T-51	METALLIC GOLD	12/480	0 84511 38307 4
XZPK-T-53	METALLIC SILVER	12/480	0 84511 38308 1
XZPK-T-54	METALLIC BRONZE	12/480	0 84511 38309 8
XZPK-T-520	METALLIC PINK	12/480	0 84511 38310 4
XZPK-T-524	METALLIC PURPLE	12/480	0 84511 38311 1
XZPK-T-529	METALLIC GREEN	12/480	0 84511 38312 8
XZPK-T-536	METALLIC BLUE	12/480	0 84511 38313 5

KEY FEATURES:

- pigment based ink
- dual-point
- marks on multiple surfaces
- no shaking or pumping required





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

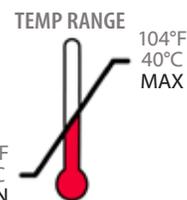
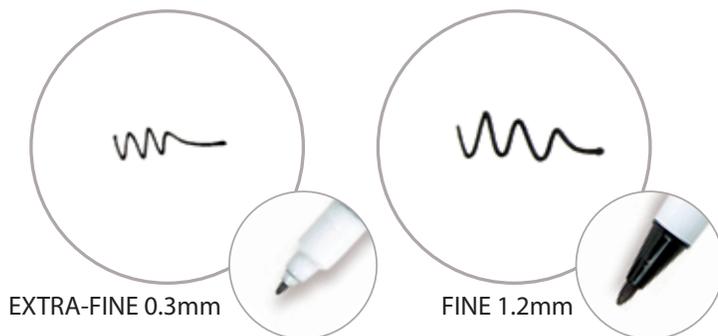
BLISTER CARD RETAIL PACKAGING

44181	● BLACK	6/72	0 53482 44181 6
44182	● BLUE	6/72	0 53482 44182 3
44183	● RED	6/72	0 53482 44183 0
44184	● GREEN	6/72	0 53482 44184 7
44185	● BROWN	6/72	0 53482 44185 4
44186	● PURPLE	6/72	0 53428 44186 1

ASSORTED SETS

44161	●●●● 4 PK ASST	6/72	0 53482 44161 8
44162	●●●●●●●● 8 PK ASST	6/72	0 53482 44162 5

Counter and shelf displays also available.



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.

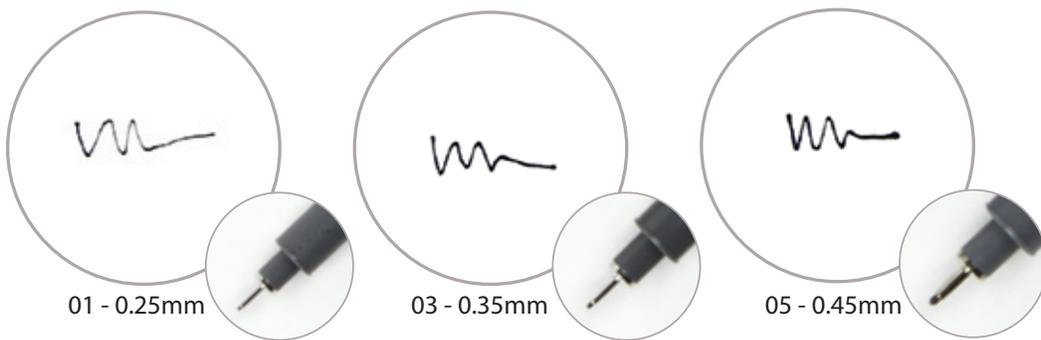
OPEN STOCK #	DESCRIPTION	CARTON/CASE	UPC
XEOK01-49	● BLACK 01 - 0.25 mm	12/1152	0 84511 36649 7
XEOK03-49	● BLACK 03 - 0.35 mm	12/1152	0 84511 36652 7
XEOK05-49	● BLACK 05 - 0.45 mm	12/1152	0 84511 36655 8
BLISTER CARD RETAIL PACKAGING			
34081	● BLACK 01	6/72	0 53482 34081 2
34181	● BLACK 03	6/72	0 53482 34181 9
34281	● BLACK 05	6/72	0 53482 34281 6
34061	● BLACK 3 PK - 01, 03, 05	6/72	0 53482 34061 4

Shelf displays and counter displays also available.



KEY FEATURES:

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



TEMP RANGE
104°F
40°C
MAX



41°F
5°C
MIN



EXTRA BROAD MARKER



PERMANENT INK MARKER

Extra Broad Marker is suited for large applications, when a broad tip marker is needed. With its rectangular 10mm x 16mm shape tip, Extra Broad can make a 16mm stroke with one pass. The durable plastic barrel is made for industrial use. Ideal for fill-in applications, identification signage, or anywhere large, bold writing needs to be noticed.

Extra Broad writes on most surfaces including plastic, wood, metal, vinyl, concrete, glass, slick papers, and cardboard. The ink adhesion is dependant upon the type of surface. The permanent ink contains an alcohol-based solvent and dye-stuff colorant. Alcohol based cleaners will remove the ink from most non-porous surfaces. Extra Broad is not recommended for use on fabrics intended to be washed.

KEY FEATURES:

- extra large tip
- permanent ink
- low odor
- marks multiple types of surfaces



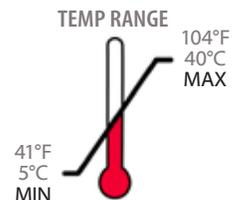
STOCK #	DESCRIPTION	CARTON/CASE	UPC
XJGKS-49	● BLACK	6/240	0 84511 36816 3
XJGKS-36	● BLUE	6/240	0 84511 36815 6
XJGKS-19	● RED	6/240	0 84511 36811 8



16 mm mark



Conforms to ASTM D 4236



SAKURA OF AMERICA



Photo by Jim Hair

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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