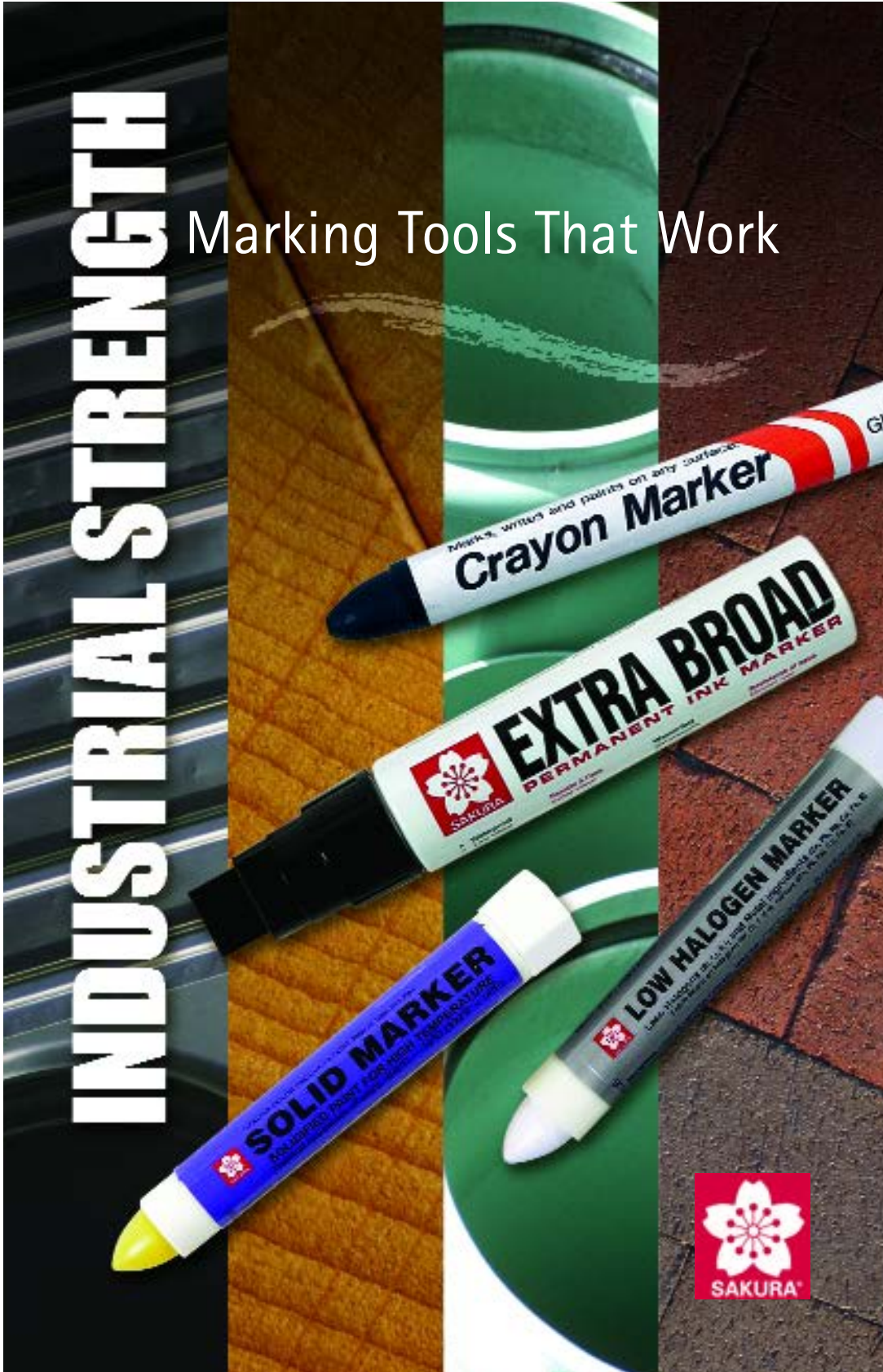


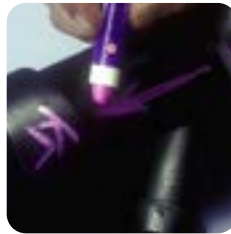
INDUSTRIAL STRENGTH

Marking Tools That Work



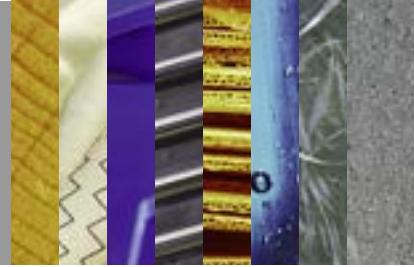
INDUSTRIAL STRENGTH

SOLID MARKER®	2
WELDING APPLICATION	3
SOLID MARKER® SLIM	4
SOLID MARKER® GLOW-IN-THE-DARK	5
LOW HALOGEN MARKER SOLID PAINT	6
INDUSTRIAL PERMANENT CRAYON MARKER	7
INDUSTRIAL WATER SOLUBLE CRAYON MARKER	8
PEN TOUCH® MARKER	9
PERMAPAQUE® DUAL-POINT MARKER	10
MICROPERM® ULTRA-FINE POINT	11
IDENTI®-PEN DUAL POINT MARKER	12
EXTRA BROAD MARKER	13
ABOUT SAKURA	14



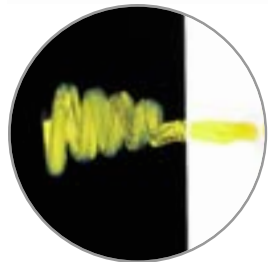
SAKURA OF AMERICA
 800.776.6257
www.sakuraofamerica.com/industrial

SOLID MARKER®



SOLID MARKER®

The tough marker for tough jobs, the Solid Marker is solidified paint in a marker stick. It marks through dust, rust, mud, water – inside or outside. It also dries within minutes, and is permanent once dry. Solid Marker won't fade or wash off like chalk. The special "stay fresh" twist mechanism keeps paint fresh and ready to use. Ideal for use on wood, shingles, cloth and canvas, plastic, steel and iron, rubber, cardboard, glass, fiberglass and concrete. Solid marker features a tough, broad stroke, is quick-drying and virtually odorless. 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. Working temperature range: 14°F to 392°F (-10°C to 200°C) 13mm wide stick can be trimmed with knife for smaller marks. Alcohol based cleaners will remove ink from non-porous surfaces. Fluorescent colors are not lightfast.



Stock No.	SOLID MARKER Description	Shelf Pack	Case Pack
XSC-50	☐ WHITE	12	432
XSC-49	■ BLACK	12	432
XSC-36	■ BLUE	12	432
XSC-19	■ RED	12	432
XSC-29	■ GREEN	12	432
XSC-24	■ PURPLE	12	432
XSC-5	■ ORANGE	12	432
XSC-3	■ YELLOW	12	432
XSC-302	■ FLUORESCENT LEMON	12	432
XSC-305	■ FLUORESCENT ORANGE	12	432
XSC-320	■ FLUORESCENT PINK	12	432



WELDING APPLICATION

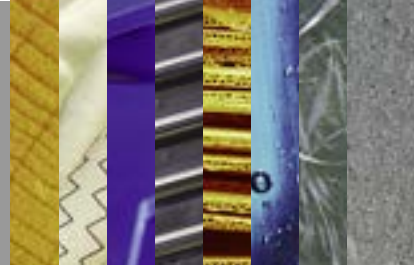
MARKS RESIST BURN - OFF!

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

Marks made with Solid Maker 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 above 392°F the color pigments burn away, leaving a visible after-mark. (Photo 3)



SOLID MARKER® SLIM



SOLID MARKER® SLIM

The tough marker for tough jobs, Solid Marker is solidified paint in a marker stick now available in a slimmer barrel and tip for smaller marks.

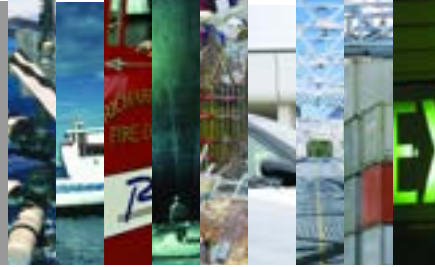
Solid Marker marks virtually any surface, anywhere and any angle. It can mark through dust, rust, water and on underwater surfaces!

The easy twist action advances paint, dries within minutes, and is permanent once dry. Solid Markers won't fade or wash off like chalk. Ideal for use on wood, cloth and canvas, plastic, steel and iron, rubber, cardboard, glass, fiberglass and concrete. Solid marker is quick-drying and virtually odorless. Working temperature range: 14°F to 392°F (-10°C to 200°C) The 10mm stick size can be trimmed with a knife for smaller marks. Alcohol based cleaners will remove the ink from non-porous surfaces.

Stock No.	SOLID MARKER SLIM Description	Shelf Pack	Case Pack
XSCS-50	☐ WHITE	12	432
XSCS-49	■ BLACK	12	432
XSCS-19	■ RED	12	432
XSCS-3	■ YELLOW	12	432



SOLID MARKER® GLOW-IN-THE-DARK



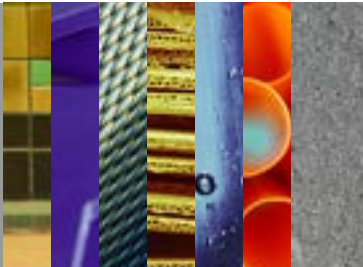
SOLID MARKER® GLOW-IN-THE-DARK

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 applications. It can write on, stay on, and glow on smooth, rough, oily, wet or damp surfaces. Photo luminescent pigments are the basic component of this Glow-In-The-Dark solidified marker. Possible applications include those for: 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 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 non-porous surfaces.

Stock No.	SOLID MARKER Description	Shelf Pack	Case Pack
XSC-300	 GLOW IN THE DARK	12	432



LOW HALOGEN MARKER SOLID PAINT



LOW-HALOGEN MARKER SOLID PAINT

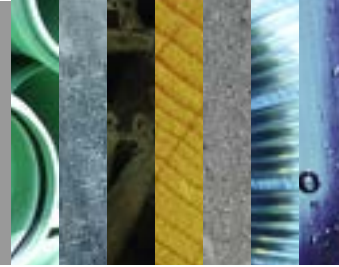
This marker is a low chloride and low halogen solidified paint formula ideal for environments where corrosion and metal fatigue are a concern. Low Halogen Marker contains less halogens (Br, Cl, F, I) and metal ingredients (Zn, Pb, Hg, Cu, Fe, S) meeting RDT F-7-3T requirements and is certified non-toxic.

The handy applicator features an easy twist-up mechanism that keeps paint ready to use. The paint dries quickly in minutes, is waterproof, fade and chemical resistant. Working temperature range of -40° to 212° F (-40° to 100° C), and is recommended for clean, dry surfaces. Alcohol based cleaners will remove ink from 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 MSDS sheets are available upon request.

Stock No.	LOW HALOGEN MARKER SOLID PAINT Description	Shelf Pack	Case Pack
XSCLH-50	☐ WHITE	12	432
XSCLH-49	■ BLACK	12	432
XSCLH-19	■ RED	12	432
XSCLH-3	■ YELLOW	12	432



INDUSTRIAL PERMANENT CRAYON MARKER



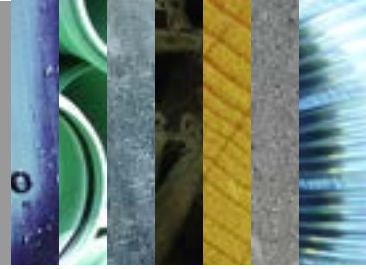
INDUSTRIAL CRAYON MARKER (GHY)

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, steel, iron, wood, concrete, aluminum and glass. 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) 15mm diameter x 125mm length (5/8" diameter x 5" length) Will fit in most generic lumber crayon holders for frequent use.

Stock No.	INDUSTRIAL CRAYON MARKER Description	Shelf Pack	Case Pack
GHY-50	☐ WHITE	10	200
GHY-49	■ BLACK	10	200
GHY-19	■ RED	10	200
GHY-3	■ YELLOW	10	200



INDUSTRIAL WATER SOLUBLE CRAYON MARKER



INDUSTRIAL WATER SOLUBLE CRAYON MARKER (WSC)

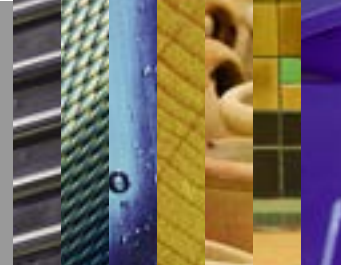


General purpose Crayon Marker is made for a variety of temporary industrial applications where the mark needs to be removed. It writes on most dry, smooth or rough surfaces. It is also suitable for marking on glass, PVC, tin, steel, iron, wood, concrete, aluminum, etc. The mark is easily removed from non-porous surfaces, with water and a cloth. Working temperature range: 14°F to 122°F (-10°C to 50°C) Available colors: Red, yellow, black and white. 15mm diameter x 125mm length (5/8" diameter x 5" length) Will fit in most generic lumber crayon holders for frequent use.

Stock No.	INDUSTRIAL WATER SOLUBLE CRAYON MARKER Description	Shelf Pack	Case Pack
WSC-50	☐ WHITE	10	200
WSC-49	■ BLACK	10	200
WSC-19	■ RED	10	200
WSC-3	■ YELLOW	10	200


















Pen-touch

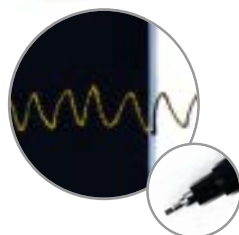


PEN-TOUCH® MARKERS

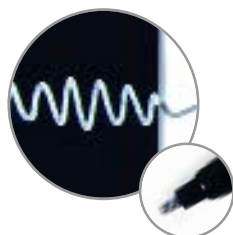
Pen-touch metallic and white inks lay down opaque marks on most papers and non-porous surfaces. Ideal for finer marks on steel and iron, sheet metal, glass and plexi-glass, wood, ceramics and porcelain, and plastics. Industrial applications of these valve-action paint markers include: marking and identifying 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.



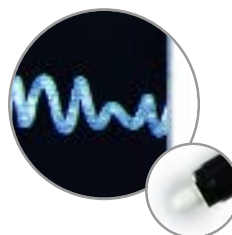
Stock No.	PENTOUCH MARKER	Description	Shelf Pack	Case Pack
41101		XF-GOLD 0.7mm	12	576
41102		XF-SILVER 0.7mm	12	576
41103		XF-COPPER 0.7mm	12	576
42100		XF-WHITE 0.7mm	12	576
XPSKA-49		XF-BLACK 0.7mm	12	576
41301		FINE-GOLD 1.0mm	12	576
41302		FINE-SILVER 1.0mm	12	576
41303		FINE-COPPER 1.0mm	12	576
42300		FINE-WHITE 1.0mm	12	576
XPMKW-49		FINE-BLACK 1.0mm	12	576
41501		MED-GOLD 2.0mm	12	576
41502		MED-SILVER 2.0mm	12	576
41503		MED-COPPER 2.0mm	12	576
42500		MED-WHITE 2.0mm	12	576
XPFKA-49		MED-BLACK 2.0mm	12	576



EXTRA-FINE/0.7mm

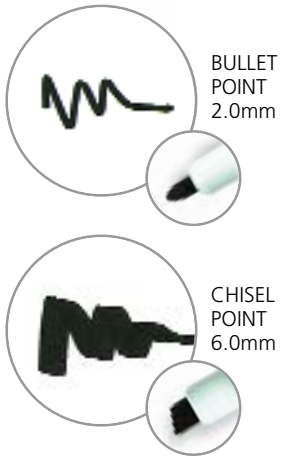


FINE/1.0mm



MEDIUM/2.0mm





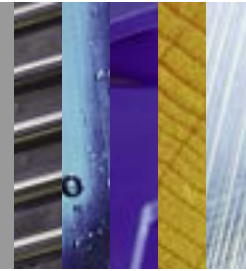
PERMAPAQUE® DUAL-POINT MARKER

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 includes marking wood, metal, plastic tubes, aluminum, and glass. Not recommended for use on fabrics intended to be washed.

Stock No.	PERMAPAQUE DUAL PT Description	Shelf Pack	Case Pack
XZPK-T-12	BROWN	12	480
XZPK-T-19	RED	12	480
XZPK-T-24	PURPLE	12	480
XZPK-T-29	GREEN	12	480
XZPK-T-3	YELLOW	12	480
XZPK-T-36	BLUE	12	480
XZPK-T-49	BLACK	12	480
XZPK-T-5	ORANGE	12	480
XZPK-T-50	WHITE	12	480
XZPK-T-20	PINK	12	480
XZPK-T-27	YELLOW-GREEN	12	480
XZPK-T-425	SKY BLUE	12	480
XZPK-T-7	PALE ORANGE	12	480
XZPK-T-51	METALLIC GOLD	12	480
XZPK-T-53	METALLIC SILVER	12	480
XZPK-T-54	METALLIC BRONZE	12	480
XZPK-T-520	METALLIC PINK	12	480
XZPK-T-524	METALLIC PURPLE	12	480
XZPK-T-529	METALLIC GREEN	12	480
XZPK-T-536	METALLIC BLUE	12	480



MICROPERM®



MICROPERM® ULTRA-FINE POINT

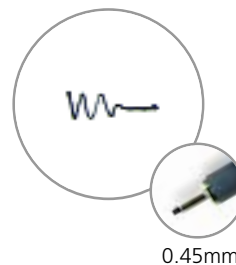
Microperm is an ultra-fine line, waterproof, permanent ink pen. The alcohol solvent, dye-stuff colorant ink will mark on nearly any surface including metal, glass, plastic, wood and cellophane. An ideal product for incredible detail, precision and permanence.

Not recommended for use on fabrics. Alcohol based cleaners will remove ink from non-porous surfaces.

Applications: transparencies, test tubes, glass slides, diamond markings, CD labeling, electrical wires and tags.



Stock No.	MICROPERM Description	Shelf Pack	Case Pack
XEOK01-49	01 PEN 0.25mm	12	1152
XEOK03-49	03 PEN 0.35mm	12	1152
XEOK05-49	05 PEN 0.45mm	12	1152



IDENTI-PEN

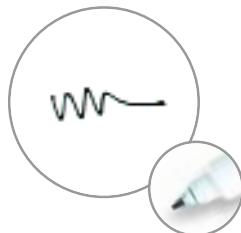
Permanent Ink, Dual-Point Pen.



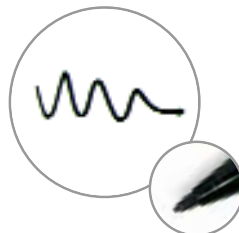
IDENTI®-PEN DUAL POINT MARKER

This multi-purpose pen is determined to do the job on almost any surface! The Identipen is two, permanent sharp-pointed marking pens in one: a tough, fine-point bullet, fiber tip on one end and a finer, 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 and wood products. Identipen inks are permanent, waterproof, have low odor, bleed-proof on most papers, and are 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 non-porous surfaces. Not recommended for use on fabrics intended to be washed.

Stock No.	IDENTIPEN Description	Shelf Pack	Case Pack
44101	BLACK	12	1152
44102	BLUE	12	1152
44103	RED	12	1152
44104	GREEN	12	1152
44105	BROWN	12	1152
44106	PURPLE	12	1152
44107	ORANGE	12	1152
44108	YELLOW	12	1152



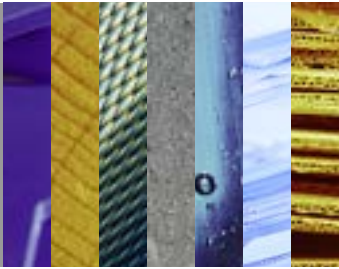
EXTRA-FINE/0.3mm



FINE/1.2mm



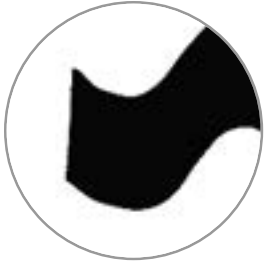
EXTRA BROAD MARKER



EXTRA BROAD MARKER

For large applications, when a broad tip marker is needed - Sakura's Extra Broad marker will do the job. With its rectangular 10mm x 16mm shape tip, Extra Broad can make a 16mm stroke with one pass. The durable plastic barrel withstands abuse and is made for industrial use. Ideal for fill-in applications, identification signage, or anywhere large bold writing needs to be noticed. Writes on most surfaces: plastic, wood, metal, concrete, glass, slick papers and cardboard. Ink adhesion is dependant upon type of surface. The ink contains alcohol based solvents and dye-stuff colorants. Alcohol based cleaners will remove ink from non-porous surfaces. Not recommended for use on fabrics intended to be washed.

Stock No.	EXTRA BROAD MARKER Description	Shelf Pack	Case Pack
XJGKS-49	BLACK	6	240
XJGKS-36	BLUE	6	240
XJGKS-19	RED	6	240



16mm



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 has 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, 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 toxicological safety standards.





SAKURA OF AMERICA

800.776.6257

www.sakuraofamerica.com/industrial



10 Imperial Court, Brampton, ON L6T 4X4
905-458-4800 • 888-879-7673 • www.ehpope.com

PREVENT GRAFFITI!!! Retailers are cautioned to be aware of State and local laws which restrict the sale of this product and other 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 these products for distribution and sale acknowledges your company's responsibility in distributing and reselling these products for legal purposes only and restricts the sale to minors under eighteen years of age, where State and local laws apply.

SA10/13