# Everything should
## be this simple ...

# ID·MARK™

ID MARK is a polyester or aluminium photo-sensitive water-processed imaging material that allows users to create high quality, durable custom images in minutes with just an ultraviolet exposure device and water

## Applications :

Nameplates,
Labels,
Awards,
Signs,
...

# Sign equipments & products

## ID MARK : the easiest method for making customized identification products.

### SIGNS

### LABELS & DECALS

### NAMEPLATES & PANELS

### PLAQUES & AWARDS

**IT'S FAST**
With ID MARK, you can produce a finished plate in less than 5 minutes.

**IT'S SHARP**
ID MARK offers exceptional resolution capability. You can create ultra fine detail photos as well as detailed diagrams and charts with fine lines.

**IT'S SAFE**
With ID MARK, there are no processing chemicals.
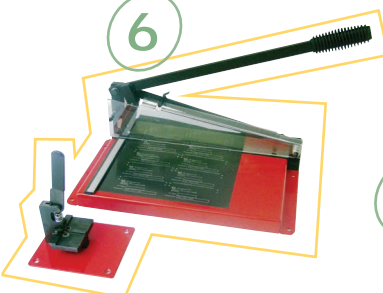
**IT'S CONVENIENT**
ID MARK sheets come in a variety of sizes, thicknesses and colors.
All self-adhesive for easy mounting and finishing.

**IT'S ECONOMICAL**
From prototypes and one-of-a-kind projects to short-run production requirements, all types of identification products can be produced quickly and economically, without costly set-up and production charges.

## ID MARK parts in a few steps

**1** Artwork design

**2** Film printing

**3** Exposure through a film

*Uvmark Exposure Unit
Size 254 x 305 mm*

*UV Mark GF exposure unit
Size 305 x 508 mm*

**4** Development under tap water

**5** Drying

**6** ID MARK shaping (shears, corner rounder)

**7** Finished product

## EQUIPMENT & SUPPLIES

### UV MARK EXPOSURE UNIT

Exposure unit, with 254 x 305 mm working size, featuring a hinged glass plate and foam system providing even pressure when closed.
Mechanical timer for exposure control. 4 UV tubes of 15 W.
*Sizes : 534 x 427 x 207 mm - 12 Kgs*

### UV MARK GF EXPOSURE UNIT

Exposure unit with 550 x 350 mm working size, including 6 UV tubes of 20 W, vacuum system by valve inflation, digital timer to switch on/off exposure tubes and buzzer.
*Sizes : 720 x 580 x 170 mm - 22 Kgs*

### CORNER ROUNDER

Quick corner rounding facility with table split in two halves and positioning stops.
When driven down by the cam actioned handle, the punch leaves a clean corner of either 6 mm or 4 mm radius.
*128 x 128 mm (5 x 5") steel plate with screw holes for bench fixing.*

### SHEARS

To cut aluminium plates up to 305 mm (12") wide and 1.5 mm thick.
Free access to the cutting blade is prevented by heavy shielding along both sides of the blade.
A safety latch is fitted to the pivot to prevent operation without it first being released.
The cutting bed is fitted with a rule for positional accuracy.
*Sizes : 440 x 245 mm, height : 670 mm*

### APPLI-PADS

Appli-pads are lint-free cotton pad which are used to wash off the sheet during processing.
Use also to apply plate cleaner and dyes. The lint-free, smooth texture will prevent scratching the ID MARK sheet when processing.
*100 pads size 12.7 x 17.8 cm - weight : 0.9 Kg*

## ID MARK Environmental performance

ID MARK sheets and overlam films were subjected to the following controlled and industry accepted test conditions.
Results for each test are as indicated. These results are typical values, not to be used for specification use.

| | |
|---|---|
| **Chemical resistance** | four hour immersion at room temperature in : |
| | water ................................................................................no effect |
| | alcohol (isopropyl)...........................................................no effect w/ overlam, Slight fading w/out |
| | oil ....................................................................................no effect |
| | hydrocarbons ...................................................................no effect |
| | base (pH = 10) ..................................................................no effect |
| | acide (pH = 4) ..................................................................no effect |
| **Abrasion resistance** | Taber abraser CS-17 Wheels with 1000 grs load. |
| | Without overlam ...............................................................image dulls after 73 cycles |
| | With overlam ...................................................................image dulls after 700 cycles |
| **Salt spray** | 5 % concentration at 95°F for 72 hours ...............................aucun effet |
| **Humidity** | 95 % relative humidity at 90°F for 72 hours ........................no effect |
| **Température** | -20 à 250 °F / -28 à 121°c ....................................................no effect |
| **Long term exposure** | 5 year exposure at 90° angle |
| | Weatherometer simulated . ................................................black : no effect |
| | Red, blue, green (W/ overlam) : no effect |
| **Shelf life** | plates should be stored in a clean, low humidity area |
| | Temperature should be 80°F or so ......................................1 year |

ID MARK products are sold with the understanding that the buyer will test them in actual use and determine their suitability for the intended use

*ID MARK materials meet the physical property requirements of MIL-P15024D- CSA approved file #111331 , class # 792105*
*ID MARK materials meet the requirement of FAR 25 Amdt. 25-72 Paragraph 25-853 (a) app. F Part I.*

# ID MARK Range

*All sheets come with high 467MP high performance industrial adhesive*

## ALUMINIUM SHEETS

Offers excellent rigidity and strength. Industrial type substrate.
Create high-contrast images, excellent for photographs and half-tones.

*Available in black or red color 10" x 12" (box of 10 pcs)
or 12" x 20" (box of 5 pcs) size, .007" and .014" thickness
Also available in rainbow pack (4 black sheets, 3 blue sheets, 3 red sheets)*

## WHITE or CLEAR POLYESTER SHEETS

Flexible material ideal for curved, uneven surfaces

*Available in black, or red color 10" x 12" (box of 10 pcs) or 12" x 20" (box of 5 pcs) size
.006 " thickness
Also available in rainbow pack (2 black/white, 1 red/white, 1 blue/white, 1 green/white, 2 black/yellow, 1 black/clear, 1 blue/clear, 1 red/clear, 1 each of gloss, matte an velvet polycarbonate overlams)*

## BLACK ON YELLOW POLYESTER SHEETS

Makes safety and caution signs stand out .

*Available in 10" x 12" (box of 10 pcs) or 12" x 20" (box of 5 pcs) size
.007" thickness*

## TRANSPARENT POLYESTER SHEETS

Perfect for window and glass door signs and decals. Used also to create multi-color signs. (Idmark plate superposition)

*Available in black, red , blue or white color 10" x 12" (box of 10 pcs) or 12" x 20" (box of 5 pcs) size
.006 " thickness*

## PHOTOLUMINESCENT SHEETS

For use in blackouts to identify escape routes, emergency exits and important fire & safety equipment.

*Available in red color 10" x 12" size (box of 10 pcs)
.030 " thickness*

## HIGH INTENSITY REFLECTIVE SHEETS

Ideal for low light areas where locating and indentifying items is required

*Available in black/yellow, red/white or black/white colors 10" x 12" size (box of 10 pcs)
.020 " thickness*

## BACKGROUND & SELECTIVE COLORING

Use to create unique backgrounds and to add selective color on aluminium sheets.

*Available in black, cyan, magenta, yellow, lt green, green, blue, dark blue , red, orange, gold, purple or brown color 100 or 250 ml.*

*Cant' find it ?   We can make custom products for you !
If you have specific needs, ID MARK can provide custom materials, for example :  Special adhesive, custom colors, no adhesive, custom sizing & packaging
Call for details and pricing. Minimums apply*

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# Protection

ID Mark does not need any extra protection under normal conditions.
When conditions such as abrasion, outdoor use and exposure to harsh environments occur, ID MARK overlams or varnish   are used to add additional protection to the processed ID MARK sheets.

## PROTECTIVE OVERLAMS

All overlam films can be applied by hand. No special equipment is required.
They are available in 10" x 12" (box of 10 pcs) or 12" x 20" (box of 5 pcs) size

### UV GLOSS OVERLAM.

Uv Gloss is recommended if your finished plate will hang or be used in direct sunlight. It contains a UV inhibitor and will also protect the sheet against moisture and abrasion. The finish of UV gloss overlam is shiny.

### MATTE OVERLAM.

Matte overlam  is for applications  that require a flat, non-reflective surface appearance. This overlam will also protect ID-MARK sheet from  moisture and abrasion.

### VELVET POLYCARBONATE OVERLAM .

Velvet polycarbonate overlam  provides a " fristy " look to ID MARK  sheets.
It provides excellent abrasion resistance as well as moisture resistance. The finish of this material is similar to " Lexan " and is associated with many industrial applications.

## VARNISH

Gloss or matte finish, 420 ml spray.

# Films

To expose an ID MARK plate, you need a film. This film can be produced a number of ways. The film will have your image or artwork on it and can easily be created using one of the following products :

### LASER FILM

Laser and vellum films can be used  in laser printers to print artwork created on your computer.
Available in A 4 (100 pcs / box) or A 3 (100 pcs / box) size.

### REVERSING FILM

Reversing film  is used to create  a " negative " from  positive artwork  or graphics.
Available in 12 A4 sheets + 250 ml developer + 10 appli-pads.

### LASER TONER DARKENER

450 ml spray. Very easy to use and economical : print a " negative "film on your laser printer and spray laser toner darkener : black areas become darker..

## RAINBOW PACKS

Rainbow packs offer multiple colors in one package. Ideal for those who do not wish to buy entire boxes of any one color, particularly when beginning to use ID MARK.

### POLYESTER RAINBOW PACK

The polyester rainbow pack contains thirteen 10" x 12" sheets of polyester.
It consists of : 2 black on white, 1 red on white, 1 blue on white, 1 green on white, 2 black on yellow, 1 black on clear, 1 blue on clear, 1 red on clear, 1 each of gloss, matte and velvet polycarbonate overlams.

### ALUMINIUN RAINBOW PACK

The aluminium rainbow pack  contains ten 10" x 12" sheets of .007" aluminium. It consists of : 4 black sheets, 3 blue sheets and 3 red sheets.