

Anti-counterfeit Ink

Made in Japan 

There are four types of ink , "Type design" and "Type secret mark".

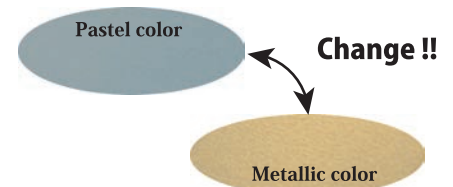
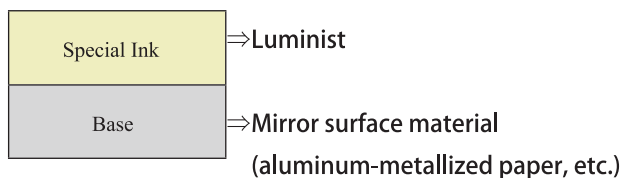
Product features

Decorative Special Ink “Luminist”

This ink has a two-sided feature, giving a pastel color at some angles and metallic color at different angles, when it is printed on a mirror surface material.

The pastel color can be designed as you like. You can use it without undermining the product image in the past since it can be adjusted to exactly the color you want.

Ink type : UV Offset Ink



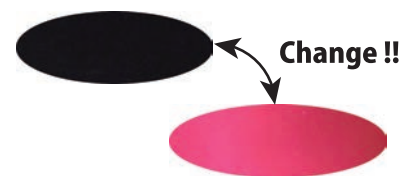
COLOR NAME	POLARIZATION COLOR	
	PASTEL COLOR	METALLIC COLOR
WHITE	WHITE	⇒ GOLD
PINK	PINK	⇒ GOLD
VIOLET	VIOLET	⇒ GOLD
BLACK	BLACK(GRAY)	⇒ GOLD
BLUE	BLUE	⇒ GREEN
RED	RED	⇒ ORANGE
YELLOW	YELLOW	⇒ GOLD
SILVER BLUE	NAVY BLUE	⇒ SILVER
SILVER BLACK	BLACK	⇒ SILVER

Fluorescent Black type (Black→Red)

[Visual detection by the difference in colors emitted]

Irradiating a special detector light on the print with anti-counterfeiting ink produces red reflected light, whereas it produces violet reflected light on the print without anti-counterfeiting ink. The authenticity can be judged based on such differences in color.

Ink type : UV Offset Ink



[Combined use with general black ink improves the anti-counterfeiting effect.]

We offer general black ink, which has the same color as anti-counterfeiting ink. Combining the general black ink with anti-counterfeiting ink on a print further improves the anti-counterfeiting effect.

[Easy to introduce]

No need for a large amount of capital investment. Advanced anti-counterfeiting can be achieved with a print using a special detector and anti-counterfeiting ink.

[Precautions for use]

Differently from regular black ink, this product does not provide sufficient density with a regular printing amount. You are advised to increase the printing amount or print twice.

Product features

■ Fluorescent type (Red • Blue • Green)

【Bright emitting color】

It uses material excellent in brightness and transparency, compared with conventional emitting material. Therefore, it provides bright emitting color, in a different way from conventional products.

【Easy to Detect】

Applying a special detector (black light) onto the print with anti-counterfeiting ink produces red, blue, or green light. The authenticity can be judged based on whether or not it emits light.

【Emitting color is adjustable as you like】

The emitting color can be adjusted as you like, since the newly developed product is excellent in emitting performance.

Using this feature, you can change color from year to year, from month to month, or from day to day, or you can represent even in full color. Thus, unique design and/or anti-counterfeiting effect can be achieved depending on your ideas.



**Ink type : Offset ink (oxidative polymerizing type, and UV curing type) ,
Photogravure ink , Marking ink**

■ Detector + Special Ink

【Easy to Detect】

The authenticity can be judged by applying a special detector onto the print with anti-counterfeiting ink. You can judge it easily, since it notifies you by using sound and light once it detects counterfeits.

【High Confidentiality】

It can be detected only by a special detector and ink; therefore, keeping them confidential ensures high confidentiality.

【Colorless or semi-transparent finish】

Colorless or semi-transparent finish can be achieved when you overcoat it on the top.

1) An advanced anti-counterfeit effect can be achieved, which is difficult to distinguish by visual comparison.

* The effect may change depending on the paper quality (transparent film or mirror surface material).

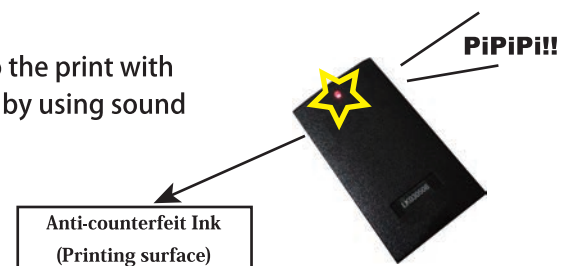
2) You can configure the anti-counterfeiting effect as you like, without disfiguring the original design.

【Flexibility in configuring the anti-counterfeiting effect】

With its colorless or semi-transparent finish, you can improve further the anti-counterfeit effect by overcoating it on various types of anti-counterfeiting ink or general color ink.

Ink type : UV Offset ink , Marking ink

Detector: Handy type (as large as a cigarette box) * A fixed type detector is available (optional).



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