



CHROMOINK[®]
ISO 9001:2015 www.chromoink.com





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Global Marketing

Corporate Data



Research & Development

The foundation of our success is based on continuous research and development. The primary objective of our R&D Team is to develop new product to meet market needs. In addition, we maintain intensive coordination with National Research Centers and local larger industries to prospect updated technologies in the market. Entire development is headed toward a future green industry, with environmental friendly as our main principle.

Customer Service

Meet customers' needs are our fundamental priority. With **ISO 9001:2008** and **RoHS** certified, we promise our best to meet customers' satisfaction.

Cheng Feng Group was established in 1973 and mainly devoted to the development and the manufacture of master batches. In order to supply customers with excellent quality and reasonable price, **Rainbow Pigment Co., Ltd.** was founded in 1980 to manufacture specialized pigment for different applications and other processed goods.

Rainbow Pigment Co., Ltd. an ISO 9001:2008 company, has established "**CHROMOINK**" as registered brand in 2002 to develop Digital Inkjet Ink. The inkjet ink factory is located in southern Taiwan and manufacture inkjet inks, ink dispersions and other functional inks. Being an Eco-friendly company is our main principle. We never use or produce any ink which contains any harmful ingredient. For future environment concern, our R&D center is major to develop Latex, water Flexo, etc.



Eco-friendly is our merit

Environmental safety is one of the key principal for Factory management, so do green production line; employee's health. We're headed toward a zero-pollution industry.

Let's make it "Triple WINS"

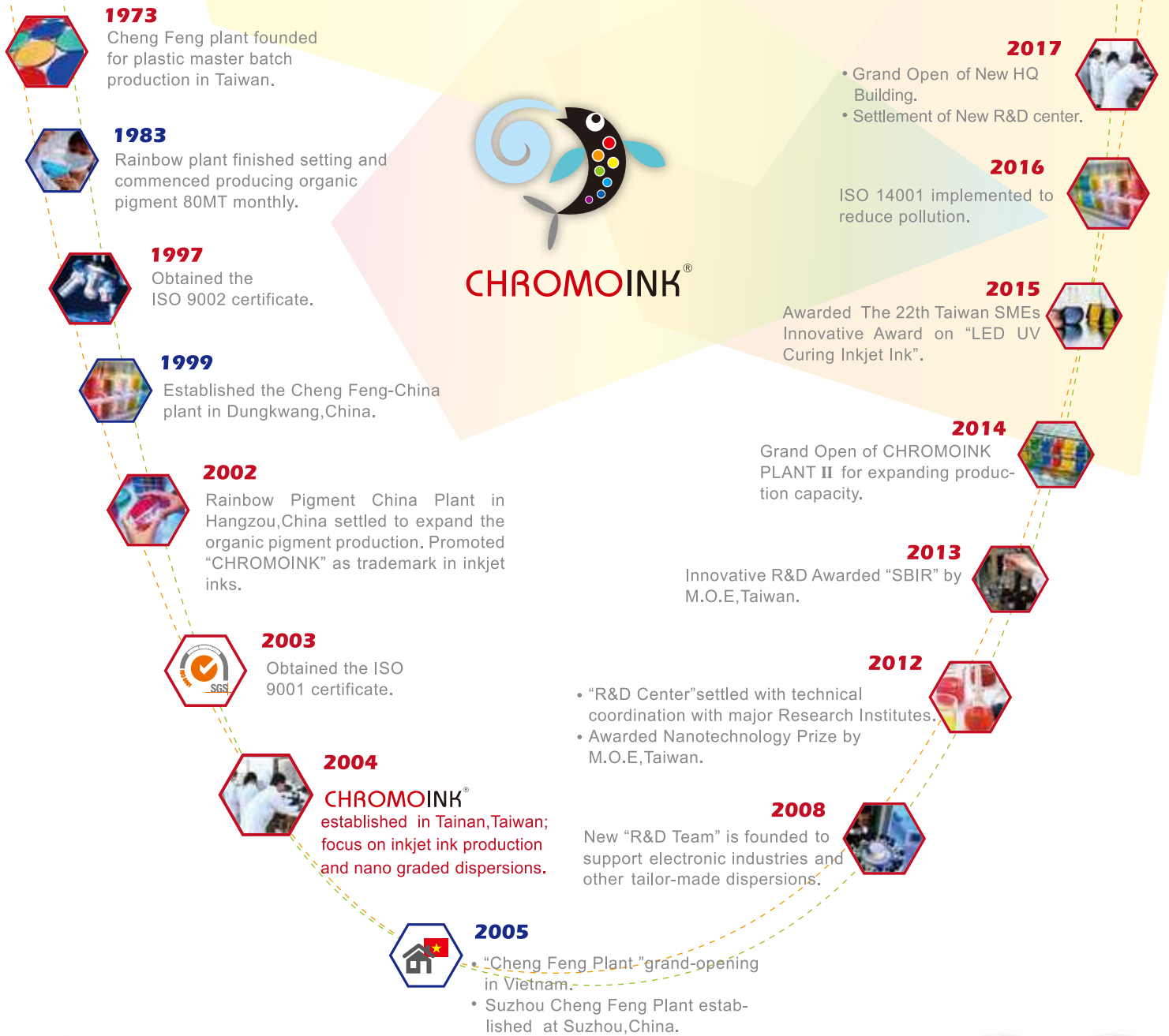
A sustainable development in an industry, like "**CHROMOINK**", simply bears in mind that the utmost strategy is to create a win-win-win relationship between Customers, Employees and Shareholders. This has been our growth engine since 1973.

Cultivating talents

Personnel training builds the Soul of an enterprise. "**CHROMOINK**" endeavors to coordinate with major academic experts to keep marching toward a nonstop innovative creativity in R&D.



Company History



Company Growth and Product Development

Solid Liquid





CHROMOINK®

Digital Inkjet Ink



ECO

Solvent inkjet ink

Suitable Printhead

Epson DX4 / DX5 / DX7
Konica, Spectra
Seiko, Ricoh



Textile

Sublimation Inkjet Ink

Suitable Printhead

Epson DX5 / DX6 / DX7
Konica, Seiko...etc

2 Types

Sublimation / Direct Print



UV

Curing inkjet ink

Suitable Printhead

Konica, Toshiba
Spectra...etc

Wavelength

365nm



Fluorescent

Sublimation Fluorescent Inkjet Ink

Suitable Printhead

Epson DX5 / DX7

Color

Fluorescent Magenta
Fluorescent Yellow



LED UV

Curing inkjet ink

Suitable Printhead

Epson DX4 / DX5 / DX7
Konica, Ricoh...etc

Wavelength

395nm



Cotton

Cotton-Water Pigment Inkjet ink

Suitable Piezo Printhead



Water

Digital inkjet ink

Suitable Printers

HP and Piezo Printer



Barcode Ink

Ink :

Tailor-Made

Ink Type :

UV / LED UV / Oil

Water / Solvent based



Functional Ink

-- Cosmetic

-- Stationery

-- Electronic Device

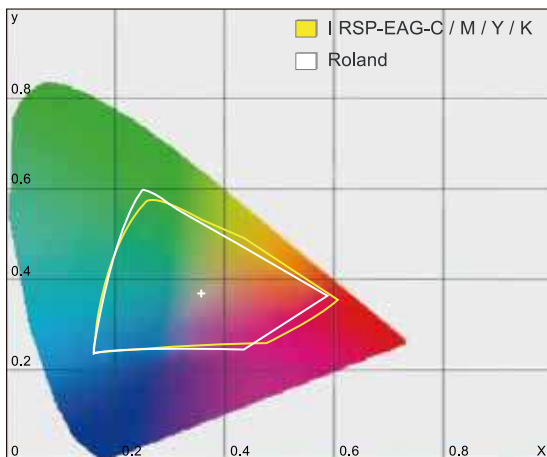
Eco-Solvent Inkjet Ink RoHS



Suitable Printhead

Epson DX4 / DX5 / DX7
Konica, Spectra
Seiko, Ricoh

CHROMOINK® delivers a series of superior and stable Eco-solvent inks without harmful chemicals, securing longer life for print heads whilst optimizing ink adhesion on coated or uncoated substrates. Our eco-solvent ink has excellent compatibility with original brands, presents twice the performance and quality with brilliant color gamut.



Color Comparison of Eco Solvent Ink. between Chromoink EAGLE Ink and Roland Ink



Properties

- ◆ Made with top light fastness pigments, presents long-term outdoor UV resistance.
- ◆ Wide color gamut.
- ◆ Extremely low odor; environmental friendly.
- ◆ Contains no harmful chemicals / RoHS certified.
- ◆ Quick drying with amazing adhesion on most of media.
- ◆ Remarkable fine printing quality at a low price.
- ◆ Compatible with major brand's print heads.
- ◆ Designed for high speed digital printing.

Product List

| Item No. | Ink Type | Color | Application | Package |
|----------|---------------------|---------------|-----------------------|-------------|
| IRSP | Eco Solvent Pigment | Y/M/C/K/Lc/Lm | PVC,CANVAS,PET,...etc | 1L/5L/20L |
| INSP | | Y/M/C/K/Lc/Lm | | 220ml/440ml |
| IOSP | | | | Ink bag |

- ▶ Bulk Ink System and Compatible Cartridges are also available upon request.
- ▶ Other color range: Developing in accordance with customer's demands.

UV Curable Inkjet Ink RoHS



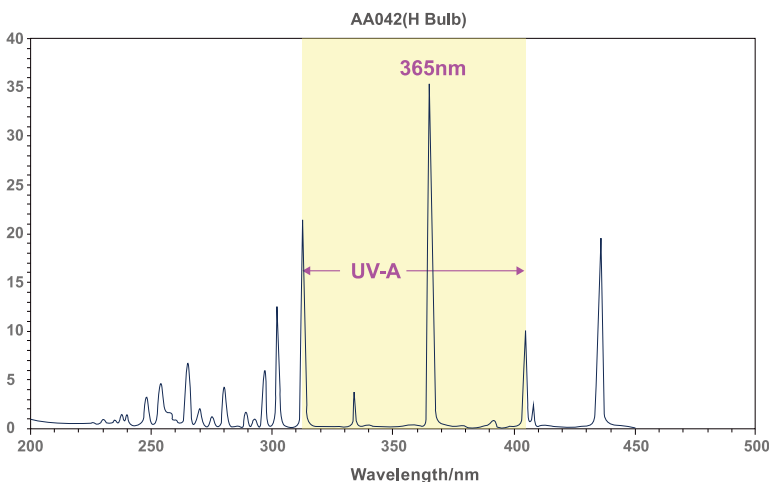
100% Solid UV Curing Ink; No VOCs emission.

Why UV Curing with CHROMOINK® ?

Our UV Curing inkjet inks contains no solvent to evaporate, no environmental pollutants, no loss of coating layer, therefore, no loss found on ink volume. UV Curing brings out higher productivity in much less time, with effective reduction in energy consumption and allowing higher production capacity, it is another optimal replacement for conventional solvent-based inkjet inks.

Properties

- ◆ Better adhesion on a wide range of substrates.
- ◆ Rapid curing / Dry instantaneously.
- ◆ Low energy consumption.
- ◆ Greater production capacity.
- ◆ Excellent light fastness & abrasion resistance.
- ◆ 100% Solid UV Curing Ink; No VOCs emission.
- ◆ No hazardous air pollutants / No heavy metals.
- ◆ RoHS certified.

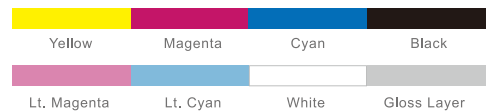


Suitable Printhead
Konica, Toshiba
Spectra

Wavelength
365nm

2 Types
*Rigid
*Flexible

Color Range



Product List

| Item No. | Ink Type | Color | Application | Package |
|----------|------------|-----------------------|-------------------------------|---------|
| INUP | UV Curable | Y/M/C/K Lc/Lm/W/GL | Wood, Glass, PMMA, PC, ...etc | 1L / 5L |
| ICO-SUV | Cleaner | N/A | | |

- ▶ Storage: The ink should not be stored in direct sunlight or stored near heat sources and should be kept away from peroxides. For maximum shelf life purpose, storage temperatures should be under room temperature.
- ▶ Adhesion/Post-printing performance varies according to the substrate. In some cases optimization of ink and pre-coating are necessary, please test beforehand.

LED UV Curable Inkjet Ink



brings you high quality LED UV Inkjet ink



LED UV inks, designed for Piezo printheads, provide bright and stereoscopic printing results on substrates such like glasses, woods, tiles, canvas, PET, PMMA, OPP films etc.



Ceramic Cup Pad - with Embossing Effects

Properties

- ◆ Suitable for flatbed ,soft, bendable stretchable substrates.
- ◆ No erosion on print heads.
- ◆ With embossing effects.
- ◆ Good fluency and stability.
- ◆ Excellent printability.
- ◆ No nozzles clogging.
- ◆ Vivid color saturations.
- ◆ Fast curing.
- ◆ Low smell.
- ◆ Environmental friendly.

Suitable Printhead
Epson DX4 / DX5 / DX7
Seiko,Ricoh ...etc

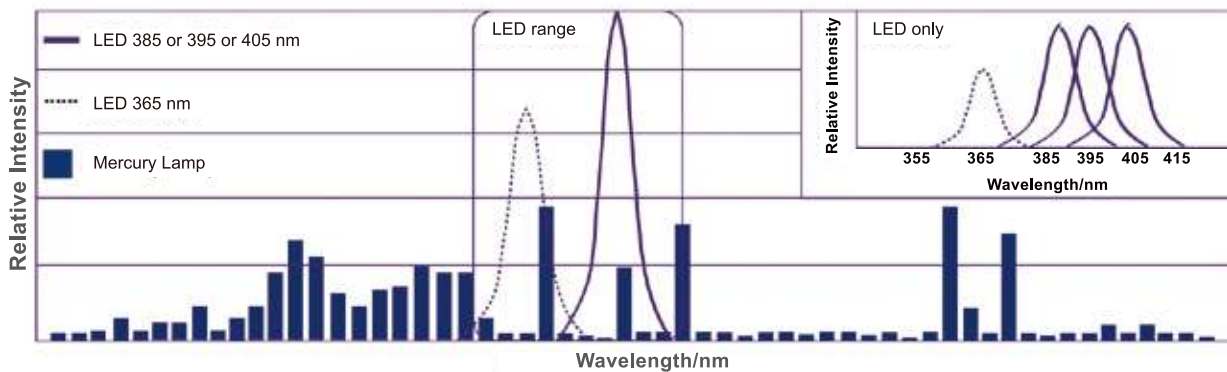
Wavelength
395nm

3 Types
*Rigid *Flexible
*Leather

Product List

| Item No. | Ink Type | Color | Application | Package |
|----------|----------|-----------------------|------------------------|-----------------------|
| IRUP-LED | LED UV | Y/M/C/K Lc/Lm/W/GL | Wood,Glass,PMMA,...etc | 500ml / 1L Ink bag |
| ICO-LED | Cleaner | N/A | Cleaning | |

- ▶ Compatible Cartridges (440ml) are also available upon request.
- ▶ Adhesion/Post-printing performance varies according to the substrate. In some cases optimization of ink and pre-coating are necessary, please test beforehand.



Intensity Comparison b/w UV Mercury Lamp & LED UV Lamp.

Digital Textile *Inkjet Ink*

Sublimation *Inkjet Ink*

General / Fluorescent

CHROMOINK® has various series of inkjet inks designed for Textile printing. More cost saving and better production efficiency comparing to traditional screen printing. Customers can select the suitable ink type according to desired textures of printing.

Properties

- ◆ Fluorescent Magenta & Yellow.
- ◆ Bright color and fluorescent effects.
- ◆ Excellent water-resistance.
- ◆ No hazardous component.



Use-method:
Fluorescent Magenta / Yellow
General Cyan / Black



Graphic under Daylight



Graphic under UV light

Suitable Printhead

Epson DX5 / DX6 / DX7
Konica, Seiko, ...etc

2 Types

Sublimation
Direct Print

Colors

Fluorescent Magenta / Yellow
General Cyan / Black

Disperse Dye Ink : ITD

| Type | Criteria | Grade |
|--------------------------------|----------|-------|
| Color Fastness to Rubbing * | Dry | 4 |
| | Wet | 5 |
| Color Fastness to Washing ** | Fade | 5 |
| | Stain | 5 |
| Color Fastness to Dry Heat *** | Fade | 5 |

JIS : JAPANESE INDUSTRIAL STANDARD

Product List

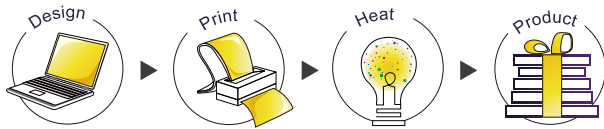
| Item No. | Ink Type | Color | Application | Package |
|----------|--------------|---------------|-----------------------|------------------------|
| ITD | Disperse Dye | Y/M/C/K/Lc/Lm | T/C, Polyester...etc. | 1L/5L/20L |
| IDD | Disperse Dye | FM/FY | Polyester | 220ml/440ml Ink bag |

- ▶ Compatible Cartridges are also available for certain product lines.
- ▶ Other Color range: Developing in accordance with customer's demands.
- ▶ FM/ FY : **Fluorescent magenta / Fluorescent yellow.**

Textile Inks Application Procedures

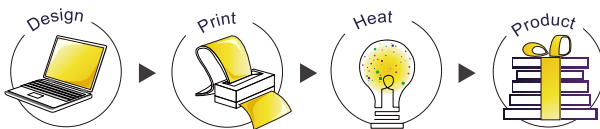
A. Direct Printing (IDD) :

Print directly on the polyester fibers and then heat up the image.



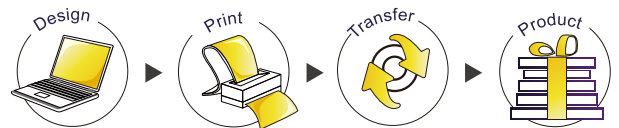
B. Direct Printing on Cotton (IEP-COT) :

Print directly on the cotton fibers and then heat up the image.



C. Sublimation Transfer Printing (ITD) :

Through transfer paper, images can be transformed on desired surface, such like polyester fibers, porcelain and metals adhere.



Cotton-Water Pigment *Inkjet Ink*



Cotton ink series is water pigment based. Apply on cotton fabrics directly, suitable for Piezo printhead. This series comply to RoHS, contains no harmful chemicals, good performance on light and washing resistance.

Properties

- ◆ Increased Efficiency.
- ◆ Design Diversification.
- ◆ Vivid color saturation.
- ◆ Contains no harmful chemicals / RoHS certified.
- ◆ Made with top raw material which pass Rubbing / Washing / Dry Heat resistance with JIS standard.



Product List

| Item No. | Ink Type | Color | Application | Package |
|----------|---------------|---------|-------------|---------|
| IEP-COT | Water Pigment | Y/M/C/K | Cotton | 1L |

- ▶ Compatible Cartridges are also available for certain product lines.
- ▶ Pre-treatment is also available.

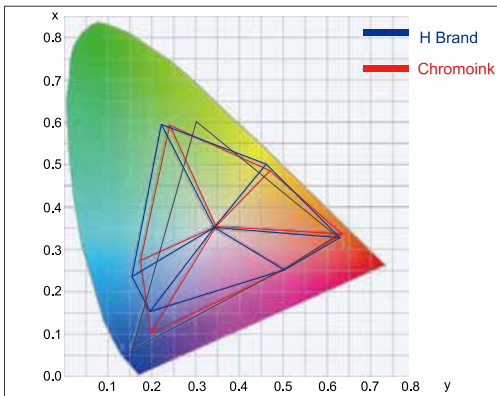
Water Dye Pigment Inkjet Ink



CHROMOINK® manufactures both water based dye inks and pigment inks for various indoor and outdoor applications. With greatly quality concerned and superior R&D groups, our ink is formulated to meet high standard needs of our customers.

Properties

- ◆ Cost saving.
- ◆ No hazardous component.
- ◆ No clogging.
- ◆ 3-year outdoor durability (Pigment).
- ◆ Top quality ink.
- ◆ Wide color gamut.



The gamut of Chromoink is close to the of HP. You can print exact color of your need without second ICC Profile. Sometimes Chromoink presents even better results than the of H Brand.



Product List

| Item No. | Ink Type | Color | Application | Package |
|----------|---------------|----------------------|-------------|------------|
| IH6D | Water Dye | Y/M/C/K/Lc/Lm | PP,PVC | 680ml / 1L |
| IEP | Water Pigment | Y/M/C/K/Lc/Lm/Lk/LLk | | 1L |

- ▶ Color : ● Yellow ● Magenta ● Cyan ● Black ● Light Magenta ● Light Cyan ● Light Black ● Light Light Black
- ▶ Other color range: Developing in accordance with customer's demands.

Water Gravure / Flexo Ink Ink Dispersion

For PET / NYLON / OPP Film

Characteristics

1. For various processed plastics film
2. Good Adhesive
3. Apply to food Package: PE, PET film, Nylon, etc.
4. Suitable for different printing speed
5. Superior solvent-released performance

Description

CHROMOINK[®] manufactures both ink and ink dispersion for Flexo printing.



Functional Ink

Description

CHROMOINK[®] provides customized services according to customer's needs. Products such like cosmetic & electronic standard of dispersions are available upon request.

Features and Benefits

- ◆ Top quality ink source.
- ◆ Color consistency and resistance.
- ◆ No hazardous component.
- ◆ Cost saving.
- ◆ Green environmental

Functional Ink

- ▶ Bar-Code Ink:
 - Water based type
 - Oil type
 - Eco-solvent type
 - UV curing type
- ▶ Cosmetic
- ▶ Stationery
- ▶ Electronic Device





Product List

| Type | Item No. | Ink Type | Compatible Series | Color | | | | | | | | | | | | |
|------------------------------|------------|------------------------|---|-------|---|---|---|----|----|---|----|-----|----|---|---|--|
| | | | | Y | M | C | K | Lm | Lc | W | Lk | LLk | GL | | | |
| Water Based Printing Ink | IH6D | Dye | HP Designjet Series | ● | ● | ● | ● | ● | ● | | | | | | | |
| | IEP | Pigment | Epson Stylus Pro | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | |
| | IED | Dye | Epson Desktop L Series | ● | ● | ● | ● | | | | | | | | | |
| Digital Textile Printing Ink | ITD* | Disperse Dye | Konica, Seiko Epson, Roland, Mimaki, Mutoh Series | ● | ● | ● | ● | ● | ● | | | | | | | |
| | IDD* | Disperse Dye | | ● | ● | ● | ● | ● | ● | | | | | | | |
| | IEP-COT | Water Pigment | Epson, Roland, Mimaki, Mutoh Series | ● | ● | ● | ● | | | | | | | | | |
| Eco-Solvent Printing Ink | IRSP | Eco-Solvent Pigment | Epson Piezo Printhead Roland, Mimaki, Mutoh | ● | ● | ● | ● | ● | ● | | | | | | | |
| | IOSP | | Seiko Printhead / Roland AJ1000 | ● | ● | ● | ● | ● | ● | | | | | | | |
| | INSP | | Konica / Spectra Printhead | ● | ● | ● | ● | ● | ● | | | | | | | |
| UV Curable Ink | INUP | Non Volatile UV Curing | Konica / Toshiba / Ricoh Spectra...etc Printhead | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| LED UV Ink | IRUP-LED | LED UV | Epson DX4 / DX5 / DX7 Konica / Ricoh...etc Printhead | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Clean Solution | IC-14 | Cleaning Liquid | Water based & Textile Printing Ink | | | | | | | | | | | | | |
| | ICO-ROM | | Eco-Solvent Printing Ink | | | | | | | | | | | | | |
| | ICO-SUV | | UV Curable Ink | | | | | | | | | | | | | |
| | ICO-LED | | LED UV Ink | | | | | | | | | | | | | |
| Pre-coat Solution | IEP-COT-BC | Coating Layer | Cotton | | | | | | | | | | | | | |
| | ICL-GLS | | Glass | | | | | | | | | | | | | |
| | ICL-PA | | PMMA | | | | | | | | | | | | | |

* ITD/IDD : Fluorescent Magenta ● / Fluorescent Yellow ●



PRODUCT

CATALOG



Quality
Knowledge
Environmental
Service

Rainbow Pigment Co., Ltd.



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