

Notes !

- All of Heatless Ink and UV-LED curable Ink contain alcohol - based solvent.
Ventilate a room adequately if feeling unwell.
- Refer to Safety Data sheet (SDS) before use for safe handling.
- Dispose of ink cartridges in accordance with local / regional / national / international regulations.

Usage Notes for All ink !

- Keep the direction of nozzle up during storage.
- Since print quality, De-cap time, dry time or other print conditions vary depending on application and environment, conducting print tests firstly is highly recommended.
※ All data here is based on General Co.,Ltd's laboratory data, and is not guaranteed.
- Before using the cartridge, wipe the print head for cleaning.
- Close the nozzle with the attached clip after use.
- Whenever the cartridge needs maintenance, make the direction of its print head down and wipe it gently and lightly along the direction of the nozzles.
In the case of Heatless ink and UV-LED Curable ink - Wipe with Dry lint-free cloth.
In the case of water based ink - Wipe with Deionized water.
- Immersing printed media into water is not recommended even if the used ink is Water resistant dye base.
- When using pigment based ink (IQ314Plus / IQ314S / IQ324S / IQ334S)
 - Shake the cartridge with its clip for 30 seconds before use and each 1hr.
 - Using both nozzle lines is recommended to prevent clogging.

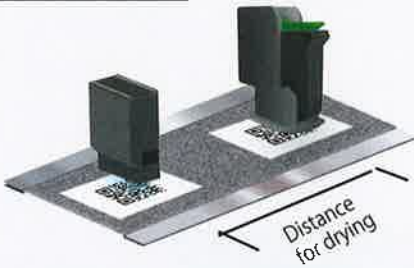
Usage Notes for UV ink !

- Keep the cartridge in lightproof package such as aluminum bag when it is stored.
UV-LED Curable ink can be cured by sun or room light and causes nozzle clogging.
- When using IQ128, IQ130, IQ131 and IQ131C take a few seconds before light curing to dry up solvent inside the ink.
Without drying up, the ink might not show its original durability and resistance.
These ink need a few seconds to dry up solvent to show original durability.
Time to dry the solvent depends on print speed and environments (temperature, humidity, etc).
Refer to General Co.,Ltd's laboratory data (not guaranteed) in following table.
- When using IQ131 and IQ131C shake the cartridge with a clip for 30 seconds before use and each 1hr.
- When using UV ink except for IQ131 and IQ131C, shake the cartridge with a clip for 30 seconds before use.
- When using UV ink, using both nozzle lines is recommended to prevent clogging.



UV Curing Conditions (Lamp WD and Conveyor speed)

Curing ink conditions depends on lamp power, wave length, conveyor speed and accumulated amount of light etc .
Conducting print test with your system in advance is highly recommended.
*IQ134C series can achieve two types of print. The one is colored transparent print, and the other is high opaque print.
The original print of this ink is transparent. However, the print color becomes opaque when cured by UV-LED lamp quickly (≤ 0.5 sec).
The suitable timing of UV-LED light depends on target opacity of the print.
Contact our sales person for more information.



Values here are indicated only for reference, and are not guaranteed. Environment : 25 degree C / 60 %RH

Ink	Dry up time of solvent	Working distance	Conveyor Speed					
			5 m/min	10 m/min	15 m/min	20 m/min	30 m/min	40 m/min
IQ130 IQ131 IQ131C	5 sec	2 mm	Curable	Curable	Curable	Curable	Curable	Curable
		5 mm	Curable	Curable	Curable	Curable	Not enough	Not enough
		10 mm	Curable	Curable	Not enough	Not enough	Not enough	Not enough
IQ128	5 sec	2 mm	Curable	Curable	Not enough	Not enough	Not enough	Not enough
		5 mm	Curable	Curable	Not enough	Not enough	Not enough	Not enough

※ Cure condition : 8 W/cm² , WD = 2 mm, Cured by GLED-1 on PVC card

Values here are indicated only for reference, and are not guaranteed. Environment : 25 degree C / 60 %RH

Ink	Dry up time of solvent	Working distance	Conveyor Speed					
			5 m/min	10 m/min	15 m/min	20 m/min	30 m/min	40 m/min
IQ134C High Opacity Color	≤ 0.5 sec	2 mm	Curable	Curable	Curable	Curable	Curable	Curable
		5 mm	Curable	Curable	Curable	Curable	Not enough	Not enough
		10 mm	Curable	Curable	Not enough	Not enough	Not enough	Not enough
IQ134C No Opacity Color	5 sec	2 mm	Curable	Curable	Curable	Curable	Curable	Curable
		5 mm	Curable	Curable	Curable	Curable	Not enough	Not enough
		10 mm	Curable	Curable	Not enough	Not enough	Not enough	Not enough

GENERAL

THERMAL INKJET INKLINE-UP

2024/06 Version 9

Highly reliable HP TIJ2.5 INKJET technology

Our Products are filled into
HP manufactured genuine cartridges !!

Thermal Inkjet system enables high quality and
speedy printing with easy maintenance.

- Resolution : 600 dpi
- Number of nozzles : 300 (150 x 2 lines)
- Head Width : 1/2 inch
- Non - contact Drop on demand
- Easy to switch ink type by changing cartridges



Print Conditions

All of value are experimental data. Environment : 20°C/60%RH

Type	Ink	Cartridge	Firing Voltage	Pulse Width	Pulse Warming	Max Frequency	Heater	Expiry
Solvent based Ink	IQ890 IQ880 IQ797 Plus IQ-LH IQ-HH	HP45Si	8.8 V	1.8 μ sec	Off	12kHz	Air dry	12 months
	IQ800 Plus	HP45Si	8.8 V	1.8 μ sec	Off	12kHz	Air dry	8 months
	IQ800 IQ801	HP45Si	9.6 V	1.6 μ sec	Off	12kHz	Air dry	9 months
	IQ798 IQ799	HP45Si	9.6 V	1.6 μ sec	Off	12kHz	Air dry	6 months
	IQ990	HP45Si	8.8 V	1.8 μ sec	Off	12kHz	Air dry	6 months
	IQ314 Plus	HP45Si	9.0 V	1.8 μ sec	Off	12kHz	Air dry	12 months
	IQ314S IQ324S IQ334S	HP45Si	9.0 V	1.8 μ sec	Off	12kHz	Air dry	6 months
	IQ248S IQ249S	HP45Si	9.6 V	1.6 μ sec	Off	12kHz	Air dry	9 months
	MS940	HP45A	7.4 V	2.0 μ sec	Off	12kHz	Air dry	6 months
	IQ128 IQ130 IQ131	HP45Si	10.0 V	1.7 μ sec	Free choice	12kHz	UV cure	5 months
UV-LED Curable Ink	IQ134CW IQ134CC IQ134CM IQ134CY	HP45Si	9.0 V	2.1 μ sec	Off	12kHz	UV cure	5 months
	IQ131C	HP45Si	10.0 V	1.7 μ sec	Off	12kHz	UV cure	5 months
	IQ133	HP45Si	9.2 V	2.1 μ sec	Off	12kHz	UV cure	5 months
	HD119 HD156	HP45A	11.0 V	1.9 μ sec	Off	12kHz	Air dry	12 months
	HD120 HD157 HD158	HP45A	11.0 V	1.9 μ sec	On 40°C	12kHz	Air dry	12 months
Water based Ink	IQ2392A	HP45A	10.0 V	1.9 μ sec	Free choice	12kHz	IR dryer	12 months
	IQ203	HP45A	11.0 V	1.85 μ sec	On 40°C	12kHz	Air dry	12 months
	HD119-LD	HP45Si	10.8 V	2.6 μ sec	Off	12kHz	Air dry	12 months

Decap times & Media Flexibility

Excellent, (+) Very Good, (+) Good, (+) Average, (A) Below Average, (X) Unsuitable
Values here are indicated only for reference, and are not guaranteed.

Ink	Cartridge	Item	Aqueous Varnish coat	Paper	Gravure Print surface	PET	PP, OPP	PE	Blister foil	Aluminium	Glass	Rubber (NBR)
Solvent based Ink	IQ890	Fixing	+++	+++	-	+++	+++	+++	+++	+++	+++	-
		Dry time [sec]	2	1	-	3	3	3	3	3	3	-
		Decap time [min]	60									
	IQ880	Fixing	+++	+++	-	+++	+++	+++	+++	+++	+++	-
		Dry time [sec]	6	1	-	8	8	8	4	4	8	-
		Decap time [min]	60									
	IQ797 Plus	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	6	1	-	8	8	8	4	4	8	-
		Decap time [min]	60									
	IQ-LH / HH	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	6	1	-	8	8	8	4	4	8	-
		Decap time [min]	60									
	IQ800 Plus	Fixing	+++	+++	-	+++	+++	+++	+++	+++	+++	-
		Dry time [sec]	6	1	-	8	8	8	4	4	8	-
		Decap time [min]	60									
	IQ800	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	5	1	-	6	6	6	2	2	6	-
		Decap time [min]	60									
UV-LED Curable Ink	IQ990	Fixing	+	+	+	+	+	+	+	+	+	-
		Dry time [sec]	3	1	1	3	3	3	3	3	3	-
		Decap time [min]	60									
	IQ798, 799	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	4	1	-	5	5	5	2	2	5	-
		Decap time [min]	60									
	IQ801	Fixing	A	A	-	A	A	A	A	A	A	-
		Dry time [sec]	4	1	-	5	5	5	2	2	5	-
		Decap time [min]	60									
	IQ314Plus	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	4	1	-	5	5	5	5	5	5	-
		Decap time [min]	60									
	IQ314S, 324S 334S	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	4	1	-	5	5	5	5	5	5	-
		Decap time [min]	20									
	IQ248S, 249S	Fixing	A	A	-	A	A	A	A	A	A	-
		Dry time [sec]	4	1	-	5	5	5	5	5	5	-
		Decap time [min]	60									
Water based Ink	MS940	Fixing	A	+	A	A	A	A	A	A	A	-
		Dry time [sec]	2	1	1	2	2	2	2	2	2	-
		Decap time [min]	60									
	IQ128	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	20m/min	20m/min	-	20m/min	20m/min	20m/min	20m/min	20m/min	10m/min	-
		Decap time [min]	30									
	IQ130, 131 IQ131C	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	20m/min	20m/min	-	20m/min	20m/min	20m/min	20m/min	20m/min	10m/min	-
		Decap time [min]	30									
	IQ134CW, CC, CM, CY	Fixing	+	+	-	+	+	+	+	+	+	-
		Dry time [sec]	20m/min	20m/min	-	20m/min	20m/min	20m/min	20m/min	20m/min	10m/min	-
		Decap time [min]	30									
	HD119, HD120 HD119-LD	Fixing	X	1~2	1~2	X	X	X	X	X	X	X
		Dry time [sec]	X	1~2	1~2	X	X	X	X	X	X	X
		Decap time [min]	60									
	HD156	Fixing	X	1~2	1~2	X	X	X	X	X	X	X
		Dry time [sec]	X	1~2	1~2	X	X	X	X	X	X	X
		Decap time [min]	5									
	IQ2392A	Fixing	X	1~2	1~2	X	X	X	X	X	X	X
		Dry time [sec]	X	1~2	1~2	X	X	X	X	X	X	X
		Decap time [min]	5									
	HD157, 158	Fixing	X	1~2	1~2	X	X	X	X	X	X	X
		Dry time [sec]	X	1~2	1~2	X	X	X	X	X	X	X
		Decap time [min]	60									
	IQ203	Fixing	X	1~2	1~2	X	X	X	X	X	X	X
		Dry time [sec]	X	1~2	1~2	X	X	X	X	X	X	X
		Decap time [min]	60									

※ 1 : UV Curable ink adhesion may weaken depending on the surface quality and material. etc. ※ 2 : Cure condition : 8 W/cm², WD = 2 mm. Cured by GLFD-1 on PVC card

GENERAL

[Japan] General Co., Ltd. Tokyo Headquarters : TEL: +81 (0) 3 5283 8640 FAX: +81 (0) 3 5283 8641

[China] Shanghai Osaka General Commerce & Trading Co., Ltd. : TEL: +86 (0) 21 64401196 FAX: +86 (0) 21 64401886

E-mail: bunji_sai@general.co.jp

[Asia Pacific] General Asia Pacific Marketing SDN. BHD.: TEL: +603 7886 8989 (7429) FAX: +603 7886 0888 E-mail: yukinari_ishida@general.co.jp

[Europe] General s.r.l. : TEL: +39 02 45486203 FAX: +39 02 4548 6216 E-mail: general@generalsrl.eu

[USA] General Imaging America Inc. : TEL: +1 657 236 7312 E-mail: keita_kitada@general.co.jp

<http://www.general.co.jp/>



UV-LED Curable Ink

Especially formulated for faster cure and to implement Higher durability !!

New Product

IQ131C Cyan UV-LED Curable Ink

- High resistance against solvent.
- High density Cyan color print
- Suitable for electronics and marking application for tubes and plastics.

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 600 dpi Media : PVC



IQ128 Black UV-LED Curable Ink

- Sharp image and strong print durability
- Quick curing under UV-LED light
- Suitable for high speed printing on non-porous substrates

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ130 Black UV-LED Curable Ink

- High resistance against solvent.
- Suitable for pharmaceutical electronics, and other applications which require alcohol and solvent resistance

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ131 White UV-LED Curable Ink

- High resistance against Solvent.
- Sharp and clear White color print.
- Suitable for electronics and marking application for tubes and plastics

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ134CW White UV-LED Curable Ink

- High Opaque Vivid White color
- Suitable for dark substrates
- Can be used as Clear color ink by adjusting the timing of UV-LED light irradiation

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

600 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ134CC Cyan UV-LED Curable Ink

- High Opaque Vivid Cyan color
- Suitable for dark substrates
- Lower opacity is also available by adjusting the timing of UV-LED light irradiation

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

600 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ134CM Magenta UV-LED Curable Ink

- High Opaque Vivid Magenta color
- Suitable for dark substrates
- Lower opacity is also available by adjusting the timing of UV-LED light irradiation

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

600 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ134CY Yellow UV-LED Curable Ink

- High Opaque Vivid Yellow color
- Suitable for dark substrates
- Lower opacity is also available by adjusting the timing of UV-LED light irradiation

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

600 X 600 dpi Media : PVC

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ133 Clear Color UV-LED Curable Ink

- Transparent UV-LED curable ink.
- Target applications are Under / Over coating and Decoration

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 600 dpi Media : PVC



Lightning Cure GLED-1

- Peak Irradiance : 8 W / cm² (WD = 2mm)
- Emitted Light Wavelength : 385nm
- Cooling method : Forced air cooling by fan motor
- Dimensions (W) X (H) X (D) : 51.8mm X 95mm X 39mm
- Weight : Approx 160 g

[UV - LED Lamp Unit]



Light emission window

※ Power Supply is not included.

Solvent Based Ink

Especially formulated for printing on various Non porous substrate without dryer !!

New Product

IQ890 Black Ink

- Fast Dry Black Ink
- Excellent fast dry
- Excellent adhesion for versatile use
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ880 Black Ink

- Brilliant versatility and longer Decap time
- More excellent adhesion compared with existing solvent ink targeted for versatile use
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ797PLUS Black Ink

- Excellent adhesion on various substrates including Polyethylene (PE)
- Remarkable resistance against tape peeling and abrasion on paper / cardboard
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ800 Black Ink

- Suitable for long continuous printing
- Longer throw distance
- Shelf life extended to 9 months

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ800 Plus Black Ink

- Better adhesion than IQ800
- Longer throw distance
- Improved Intermittent printing

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ-HH Black Ink

- Improved decap time and print stability under high humidity conditions
- High adaptability to irregular environment
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



IQ-LH Black Ink

- Improved decap time and print stability under low humidity conditions
- High adaptability to irregular environment
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

300 X 300 dpi Media : Cast coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



MS-940 Black Ink

- Economical solvent black ink
- Small drop volume enables more number of prints per cartridge

OPP	PP	PET	PE
AL	Blister	Rubber	Glass
Paper	Aluminum	Various	Various

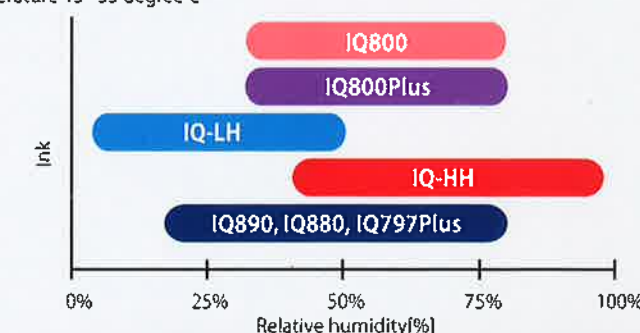
300 X 300 dpi Media : Art coat paper

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



Recommended humidity range for each HT ink

Temperature 15~35 degree C



New Product

IQ314PLUS Pigment White Ink

- Longer Decap time and more opaque white color than IQ314S
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes, and auto parts
- 12 months shelf life

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

600 X 600 dpi

Media : OPP

IQ314S Pigment White Ink

- Opaque white color
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes, and auto parts

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

600 X 600 dpi

Media : PVC

HD119-LD Black High Density Ink

- Hybrid (Pigment & Dye) water based ink
- Excellent light fastness, water resistance
- Improved density and decap time

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

HD119 Black High Density Ink

- Hybrid (Pigment & Dye) water based ink
- High density clear print on porous substrates
- Long Decap time
- Excellent light fastness, water resistance

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

IQ990 Black Ink

- Suitable for wide range of non-porous substrates such as films
- Reliable print quality with extra darkness

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : polyolefin

IQ324S Pigment Yellow

- Bright yellow color
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes, and auto parts

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

600 X 600 dpi

Media : Aluminum

HD156 Black High Density Ink

- High density print on porous and semi-porous substrates
- Excellent water resistance
- Ink base : Dye

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

HD157 Green High Density Ink

- High density print on porous substrates
- Bright Green color
- Ink base : Dye

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

IQ801 Black Ink

- Heat resistant ink for heat sealing process
- Ref. heat resistant level : ~180°C (356°F)
- Shelf life extended to 9 months

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Cast coat paper

IQ334S Pigment Light Blue Ink

- Opaque light blue color
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes, and auto parts

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

600 X 600 dpi

Media : OPP

HD120 Blue High Density Ink

- High density clear print on porous substrates
- Excellent light fastness and water resistance
- Ink base : Pigment & Dye

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

HD158 Red High Density Ink

- High density clear print on porous substrates
- Bright red color
- Ink base : Dye

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

IQ798 Red Ink

- Reliable print quality with vivid red color
- Strong adhesion on non-porous substrates such as aluminum

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 600 dpi

Media : Aluminum

IQ799 Blue Ink

- Reliable print quality with vivid blue color
- Strong adhesion on non-porous substrates such as aluminum

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 600 dpi

Media : Aluminum

IQ2392A Black

- Suitable for mail addressing and VDI application
- Sharp print on semi-porous substrates
- IR heater is required for drying

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Coated paper

IQ203 Red Invisible Ink

- Red luminescent print under UV light
- Suitable for security purpose print on porous-substrates
- Luminescent condition : EX 365nm, EM 610nm

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Paper

Pisces Solvent Bulk system

Solvent based ink Cartridge Ink tank (400mL)

- IQ800 Black ink
- IQ990 Black ink
- IQ800PLUS Black ink
- IQ797PLUS Black ink
- IQ798 Red ink

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	



IQ248S : Red Invisible Ink IQ249S : Blue Invisible Ink

- Luminescent print under UV light (EX 365nm, EM 610nm)
- Security purpose print on non-porous media

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

300 X 300 dpi

Media : Aluminum

Norm bulk system Water based ink Cartridge Ink reservoir (370mL)

- HD119 Black High density ink
- HD156 Black High density ink

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	



1 Liter bottle bulk Water based ink Cartridge Ink bottle (1L)

- HD119 Black High Density ink
- HD156 Black High Density ink

OPP	PP	PET	PE
AL	Blister Foil	Rubber	Glass
Paper	Aqueous Varnish Coat	Gravure print surface	

