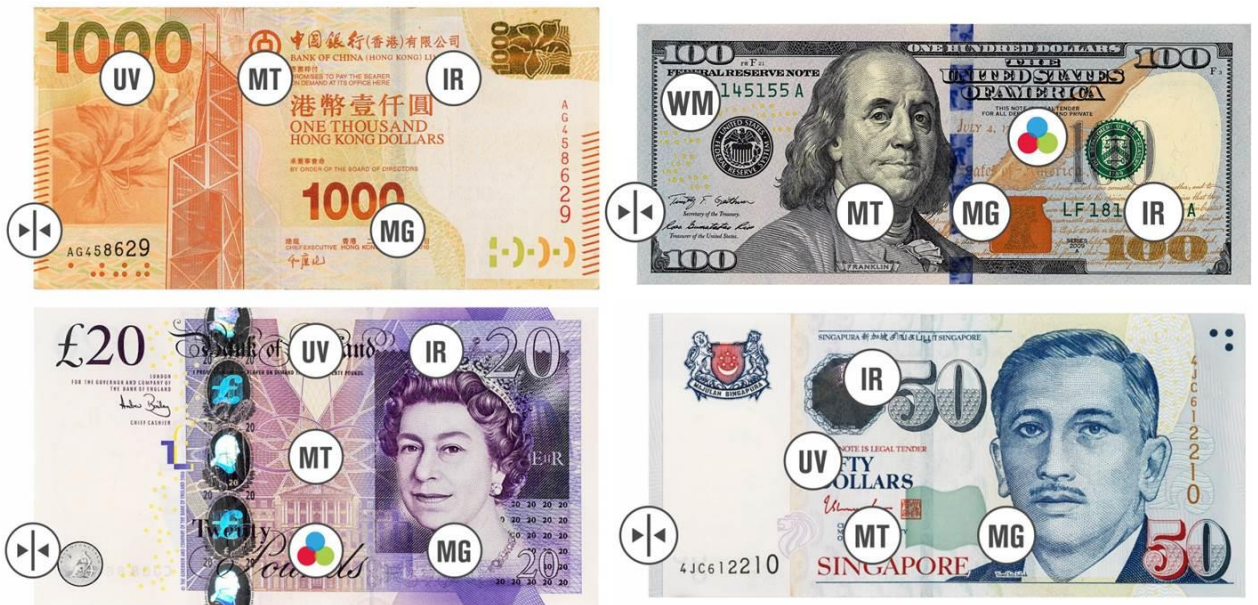


MAGNETIC INK

– for MICR equipment

- Years of manufacturing experience have been optimized for printing security objectives in many countries, including the United States, Britain, Australia and India.
- 90 % of magnetic ink targets production of bank checks, payments and remittance documents.
- The magnetic material particles in the ink are being accurately sized to accord with criteria of each country.



** Magnetic Ink is printed on the MG (Magnetic Ink) and UV.

01

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Super-fast drying time

02

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Extreme strength for light and water

03

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Flawless mass printing

04

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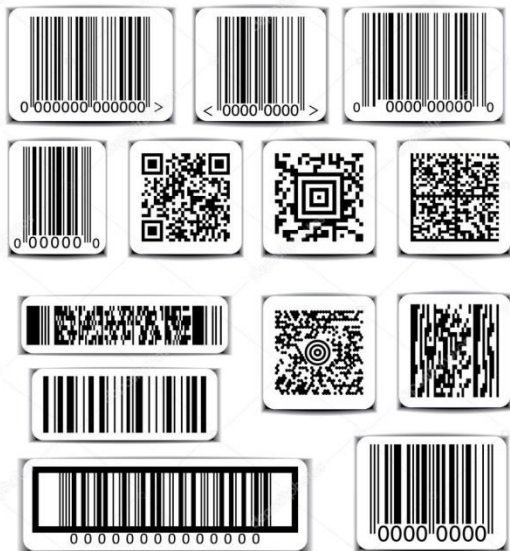
Fast drying magnetic ink, UV magnetic ink

MAGNETIC INK

– for MICR equipment

● Advantages

- Fast drying time makes UV drying easy and waterless drying.
- Special ink with abundant optical density and high intensity against light and water.
- It is possible ultra-small prints accurately and reliably (without stirring).
- Compatible with a wide variety of paper and non-paper materials.



ABCDEFGHIJKLM
NOPQRSTUVWXYZ
abcdefghijklm
nopqrstuvwxyz
1234567890
~ ; . : ! ? @ - / ()
" ' ` " " "

** Alphabets, numbers, symbols and magnetic recording barcodes for security and in various checks and security documents..

MAGNETIC INK

– for MICR equipment

● specification

INK Type	MICR waterbased for Inkjet printing (Nano Magnetic Particle Dispersion)
Viscosity	12.0 ~ 17.1 (cPs)
Surface tension	32-42 dyn/cm
pH value	6 ~ 8
Density	1.50-1.58 (g/mL)
Particle Size (Cobaltferrit particles)	50±20 nm
Magnet Signal	130 ~ 190%
Environmental compatibility	Ames-negative
Ingredients	In addition to the usual components of inkjet inks: Cobalt (II) ferrite particles (50 nm) whose envelope contains citric acid.
Solvent	ethylene glycol / diethylene glycol
Stability	High (no agitation required)
Shelf Life	> 24 months
Media Compatibility	Porous, non-porous paper & corrugated

MAGNETIC FLUID

– for **Gas & Dust sealing**

Address : #403 – 3 dong, Gyeonggi Technopark, 705 Haean-ro, Sangnok-gu, Ansan-Si,
Gyeonggi-do, Republic of South Korea

Post code : 15588

TEL : 82-31-500-4633, 400-3757 (Domestic), 82-30-500-4632 (Export)

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Mail : magron@magron.co.kr

Web site (Korean) : www.magron.co.kr / (English) : www.ferrozone.co.kr

(For reference, the website of our cluster : <http://www.gtp.or.kr/>)

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