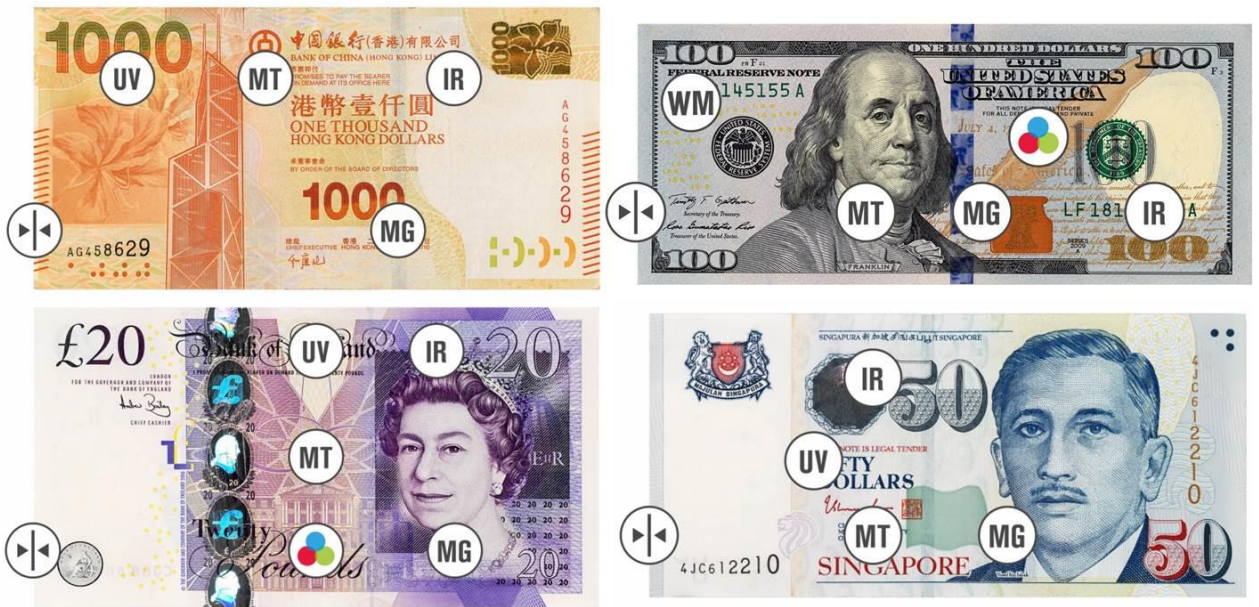


# MAGNETIC INK

– 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

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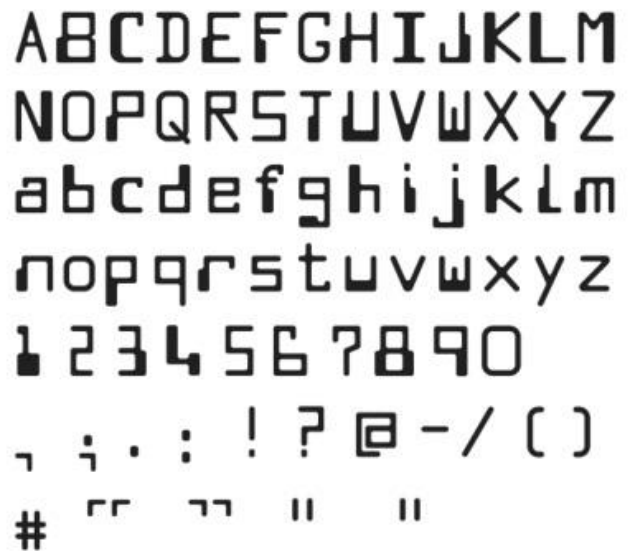
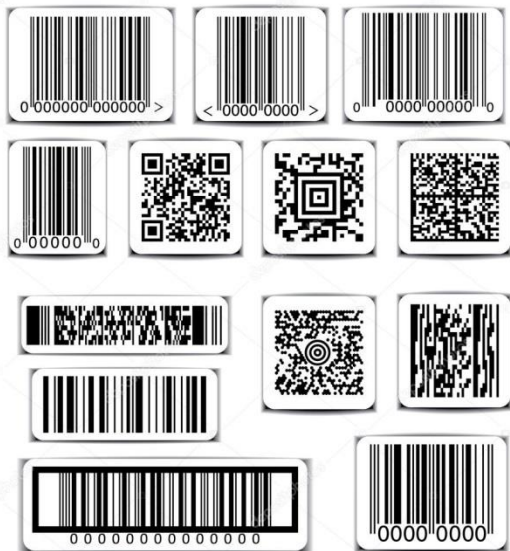
# MAGNETIC INK

– for MICR equipment

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## ● 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.



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

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# MAGNETIC INK

– for MICR equipment

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● specification

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

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# MAGNETIC INK

– for MICR equipment

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