MAGNETIC INK

MAGRON FMInk02NP® is a water-based Magnetic ink with a magnet effect for screen printing. It is produced through a high-quality process to exhibit a unique set of inherent magnetic properties. The ink exhibits ferromagnetic behaviour with a high magnetic response.

INK FEATURES

✓ High dispersion and isotropy	✓ Itself magnetised
✓ High magnetic response	✓ Great flexibility
✓ Custom formulation suitable	✓ Easy processability
✓ Easy screen printable	✓ Stretchable on an appropriate substrate
✓ Of easy cleaning	✓ Not harmful for health

INK PROPERTIES

Apparency	Dark brown/Black
Cure processing	Thermal cure
Solid content (%)	> 45%
Viscosity	15 000 – 20 000 cP
Particle size (nm)	35-45

HANDLING PROPERTIES

Processing	Stir vigorously with a spatula
Printing equipment	Screen printer, doctor blade printing
Mesh count, warp (n/cm)	43-65
Squeegee hardness	60-75 Shores
Cure conditions	100˚C for 3-5 minutes in a regular or ventilated oven
Substrates	Glass, PET, PEN, MELINEX, Milar or Textile
Storage	Should be kept well sealed in its container, away from direct sunlight and stored at a controlled temperature between 10 - 20ºC
Shelf-life	Ink in an unopened container has a recommended shelf life of 3 months from the date of delivery

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Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products. The information and the products are for use by technically skilled people at their own discretion and risk and do not relate to the use of this product in combination with any other substance or any other process.