BENDABLE CONDUCTIVE SILVER INK

MAGRON BSInk02NP® is a screen-printing silver conductive ink. It can be used for in-mold electronics since it presents consistent behavior before and after thermoforming processes. The **BSInk02NP®** can be printed on a variety of substrates such as PVC, PET, TPU, polycarbonate, polyacrylates, acrylates and polyurethane.

INK FEATURES

- ✓ Bendable
- ✓ Suitable for thermoforming & High Pressure Forming
- ✓ Easy screen printable
- ✓ Of easy cleaning
- ✓ Fast Curing
- ✓ Easy processability

INK PROPERTIES

Apparency	Grey
Cure processing	Thermal cure
Viscosity	4000 – 8000 cP
Sheet Resistance	<30 mΩ/sq
Sheet Resistance (after Thermoforming)	<120 mΩ./sq

HANDLING PROPERTIES

Processing	Stir with a spatula before using
Printing equipment	Screen printer, doctor blade printing
Screen meshes	48-90T polyester mesh
Squeegee Hardness	60-75A
Drying conditions	60-100˚C for 5 minutes
Substrates	Glass, PET, PVC, PC, PMMA, TPU, Textile
Clean-up solvent	MAGRON cleaning solvent **Clear100NP** on press wash and mesh opener
Storage	Should be kept well sealed, in a cool and dry place, and away from direct sunlight.
Shelf-life	Ink in an unopened container has a recommended shelf life of 4 months from the date of delivery

MAGRON
Specialized magnetic material

MAGRON CO., LTD.
#403, 3-dong, Gyeonggi Technopark, 705 Haean-ro, Sangnok-gu,
Ansan-si, Gyeonggi-do 15588, Republic of Korea
Tel: +82-31-500-4632 Fax: +82-31-500-4631
E-mail: magron@magron.co.kr
Web: www.magron.kr / www.ferrofluidmagron.com

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.