OPTICALLY VARIABLE INKS

PRODUCT DESCRIPTION
Screen and roto inks for printing of optically variable effects, both UV and solvent-based.

APPLICATION FIELD
Banknotes, documents, revenue stamps, brands, credit cards, fidelity cards and ticketing.

GENERAL SPECIFICATIONS
- Optically variable inks vary their colour depending on the angle they are viewed and the angle of incidence of light.
- Excellent opacity.
- Available granulometry range: 5µm to 20µm or 20µm to 60µm.
- Ready-to-use ink.
- Six colours are available.

SUBSTRATES
Direct printing on Paper, Cardboard, PVC, PS, PES, PC, depending on the formulation (UV or solvent-based).

STORAGE
The ink must be stored at a temperature of 15°C / 35°C, away from heat and light sources.
When stored under these conditions, the ink is expected to have a shelf life of 12 months from the date of manufacture.

PRODUCT RANGE AND PACKAGE
Colours:
Gold to Olive Green, Blue to Violet, Turquoise to Light Blue, Copper to Bronze, Cyclamen to Purple, Grass Green to Emerald Green.
Standard package: 1Kg for screen printing inks and 25Kg for roto inks.

APPLICATION PROCESS
- Screen printing
- Rotogravure

SPECIAL INSTRUCTIONS
- Always do printing tests on the substrates to be used, in order to exactly determine the working time and mode and the result to be achieved.
- Avoid ink contamination: do not leave the can open and do not mix the ink with other inks/additives.
- Even though the odour is very low and not noxious, it is suggested to use the inks in a room that is properly equipped with air circulation.
- Ask for the safety data sheets, which are available for all products.

IMPORTANT NOTE
The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.
While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.
Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.