THERMOCHROMIC INKS

PRODUCT DESCRIPTION
Reversible thermochromic screen printing inks, both UV and solvent-based.

APPLICATION FIELD
Fidelity cards, ticketing, packaging, toys.

GENERAL SPECIFICATIONS
- These inks change their appearance depending on the temperature. Each ink has its own colour-change temperature (±3°C sensitivity): once this temperature is exceeded, the ink becomes colourless.
- Available colour-change temperature range: -15°C to +65°C.
- Good opacity
- Good resistance up to 180°C
- Ready-to-use ink
- 6 colours available

SUBSTRATES
Over-printing on pre-existing graphic works on paper, cardboard, PVC, PS, PES and PC, depending on the formula base (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
Standard colours: Yellow, Orange, Pink, Light Blue, Green and Black.
Standard temperature: 31°C. Upon request: -15°C to 65°C.
Standard package: 1Kg.

APPLICATION PROCESS
- Screen printing

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.