



SAPPHIRE SE

FLEXO

(Prefix MSE)

DESCRIPTION

A high performance range of water based inks for flexo printing of single polythene coated board (printing the uncoated side), & various papers including grease proof for cake cases – for use on the outside of the paper, not in contact with the food..

The printed product can then be used for baking (up to 200°C) **

TYPICAL PROPERTIES

Bright & strong with good transfer properties.

Excellent dry rub.

Good wet-rub resistance*

Water reducible.

Good grease resistance – depending on pigment selection.

High temperature resistance for use on paper products used for baking (up to 200°C) **

(As with all water-based inks frost damage is irreversible - store above 5⁰C).

SUBSTRATES

Uncoated side of single polythene coated board.

Kraft & sulfite bags and similar light weight papers (including glassine).

Grease proof paper.

(It is advised that a trial is always made on any previously untested substrate to ensure that the inks perform satisfactorily).

REDUCERS

Sapphire SE inks should be reduced with water, but if colour of ink is too strong, then the use of Sapphire SE extender and / or reducing medium is recommended, in order that end properties are not lost.

COLOUR RANGE

Available in a wide range of colours that demonstrate good lightfastness, although care should be taken to ensure that the ink being used is suitable for the end use intended.

Also exposure to grease will necessitate the selection of special pigments – consult our technical department for guidance.

Colours are matched under D50 lighting.

N.B. Sapphire SE inks are not recommended for deep freeze applications. They are also not suitable for direct food contact.

QUALITY ASSURANCE

Products with the prefix and product name specified above are Quality Controlled to Mirage Inks Test Specification No.25 as described in the test manual. Details of all tests are available on request from our technical department

*Water resistance develops over a period of 3 – 4 hours after printing. Print must be full dried before rewind.

**This property needs to be validated & tested by the customer as Mirage have no control over baking conditions.

The information given above is supplied as a guide only with the properties achieved under laboratory conditions. Mirage Inks Limited strongly recommends that you satisfy yourself as to the suitability of the product with trials. Please consult our laboratory to discuss any different requirement.

As particular conditions of use and variations in quality of materials and substrates being used are outside our control, it is therefore not possible to guarantee the performance of our products.

Products supplied under this ink name / prefix, are best used within a six month period from the date of manufacture (as specified on the product label).

In-line with Mirage Inks Ltd ISO 9001 procedures, retained batch samples for any product supplied under this ink name / prefix, are retained & stored at room temperature for a period of six months from the date of manufacture.

Should the product be used outside of this six month period, Mirage Inks Ltd. have no reference sample for comparative & test purposes, so cannot investigate or be held responsible for any print related problems. Mirage Inks Ltd will not accept liability for any claim arising as a consequence of a laboratory colour matching being offered to our customer in good faith, and then subsequently Mirage's customer failing to obtain approval from their customer prior to printing / production.