

# Graphic Screen Inks

## Paper & Board

## POP Display

### **SUNMATT ST**

Matt ink for Paper and Board

#### **Features**

- Oil Based
- Smooth Matt Finish
- Good Opacity
- Suitable for Machine and Manual Printing.
- Excellent Screen Stability and Self Solvency
- Fast Drying
- Good storage stability.

#### **Substrate**

Wide range of Paper and Board substrates.

**SERICOL**  
More than ink...Solutions.

TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN

## Thinning

Maximum of 20% by weight of ink used. The recommended thinners are:

TN 180 - Reducer

TN 182 - Slow Reducer (Retarder)

Note: The Slow reducer will increase the drying time of the print.

## Mesh:

Print the Sunmatt ST inks through inks through 90/cm to 120/cm, monofilament polyester fabric, depending on the application.

## Stencils:

Stencils can best be prepared with Sericol's stencil making products

■ **Xtend Prep 101** for abrasion and preparation of screen

■ **Xtend Prep 102** for degreasing of screen

## Emulsions:

Dirasol 902 or Dirasol 915

## Drying:

**Air Dry:** 5-10 Minutes.

**Jet Dry:** 60 degree centigrade, upto 30 seconds.

**Note :** Do not stack prints immediately. Allow sufficient time for through cure preferable over night cure.

## Coverage:

Sunmatt ST inks give 35 to 40 sq.m./kg, when printed through a 90/cm mesh.

## Wash-Up:

Wash up screens with SS-639 Universal Screen Wash. This will ensure long life of stencils made with Dirasol emulsions.

## Pre-Production Test:

**End user must determine suitability of this product for the intended use prior to production.**

Always test for adhesion and other properties before each production run because there can often be significant differences between substrates from different manufacturers and even between different batches.

## Storage:

- Keep inks in a cool place, away from direct sunlight.
- Keep lids tightly closed when not in use.
- Any unused ink should not be returned to the can, must be stored separately.
- Shelf life is two years from the date of manufacturing.
- **Stir well before every use.**

## Application:

The Sunmatt ST inks are widely used for in Visiting card and Letterhead printing, indoor POP display.

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## Colour Range

The Sunmatt ST is available in 18 standard intermixable colours.

ST-001	Black
ST-021	Untoned White
ST-040	Primrose Yellow (T)
ST-041	Lemon Yellow (T)
ST-043	Golden Yellow (T)
ST-102	P. O. Red
ST-114	Orange(T)
ST-121	Scarlet Red (T)
ST-122	Deep Red (T)
ST-126	Magenta
ST-127	Violet
ST-164	Crimson Red
ST-201	Peacock Blue
ST-204	Royal Blue
ST-207	Bronze Blue
ST-285	Viridine Green (T)
ST-325	Emerald Green (T)
ST-343	Brown(T)

## Safety and Handling

- Product marked (T) Contain lead and therefore should not be used on objects liable to be chewed by children and may cause harm to unborn child.
- Sunmatt ST contains heavy metals and does not comply with EN71-3:1988 Toy Safty Standard .

Comprehensive information on the safety and handling of Sunmatt ST screen inks is given in the Material Safety Data Sheet, which is available on request.

## Environmental Information

- Sunmatt ST ink system does not contain ozone-depleting chemicals as described in the Montreal Convention.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other material vary. For the same reason, our products are sold without warranty and on the condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvements might make some of the information contained in the Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

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