

Ink

ST Series

FIELD OF APPLICATION

Substrates

The screen-printing ink ST is excellently suited to print onto various material

Hosiery Cloth

Polyester

Nylon

Cotton Spandex

Lycra

Canvas

Field of Use

ST series is designed to print on T-Shirt, Joggers Pants, Track suits, Labels for Apparels, Logos for Textiles/Apparels, Cotton or knitted fabric The ink is used as 2 component ink. This special ink compared to other 2 component inks has very good adhesion.

CHARACTERISTICS

This glossy, oven drying/IR drying, and chemical reactive screen-printing ink exhibits good mechanical & chemical resistance as well as good flexibility and adhesion. Excellent print ability and stable in color matching. This ink has a good levelling property.

HOW TO USE

ST Silicone ink is two component ink. with a mixing ratio of 10:1 mix it thoroughly Dilute the ink with 10%-15% of thinner as required. Mix thoroughly before use.

TP-70 (Standard Drying thinner). Use TP-60 to make the drying slower. It is must to make sure the previous printing surface dry before the next printing process. For Screen Printing Mesh Recommended- 80T-120T

Post Treatment	3 minutes	130°C
----------------	-----------	-------

If several layers are printed, each color needs post treatment by hot air dryer /IR drying before next printing.

Final curing is to be done at 130°C- 150°C for 30 min

CLEANER

Use TP-70 for cleaning screen /washing up.

RANGE OF COLORS

Basic Colors

104-White

203-Original Yellow

209-Mid Yellow

302-Deep Red

305-Orange

3038-Light Resistant Pink

401-Violet

403-Original Blue

404-Ultramarine Blue

Technical Data Sheet

Screen Printing inks

2024
24,Jan

408-Cyanine Blue
501-Black
601-Green

Fluorescent Colors

131-Fluorescent Yellow
133-Fluorescent Red
140-Fluorescent Green
159-Fluorescent Pink

Metallic Colors

801 Silver
901 Pale Gold

Overcoat

Glossy Overcoat
Matte Overcoat
Suede Feel Overcoat

Special Effect

Foam Effect
Flocking
Toothbrush

Functional Ink

Conductive Ink
Anti-Sublimation Ink
One Time Shaping Ink
Stretchable Ink

ADDITIVES

Thinner:

Before production, the viscosity of the screen printing must be adjusted by the addition of thinner.
TP-70 Thinner standard drying
(addition 15%-25%)

TP-60 Thinner slow drying (addition 15%-25%)

TYPE OF PACKING

1-kg Can

SHELF LIFE

Silicone ink is sensitive to humidity and always to be stored in a sealed container and stored in low temperature.

The shelf life for an unopened ink container if stored in dark room at a temperature of 15°C-25°C is one year. Under different conditions, particularly higher storage temperatures, the shelf life is reduced. In such case, the warranty given by Spinks expires.

PRECAUTION

- 1) At room temperature 20°C-25°C ink can be used for 3-4 hours. If temperature is higher shelf life of the ink will reduce.
- 2) Ink is glossy. Matt ink can be developed on request.
- 3) Please refer MSDS before use.
- 4) Be sure to do trials before commercial run to confirm that the product fits the purpose.
- 5) Additional technical information may be obtained from our Technical Department.
- 6) All characteristics described in this Technical Data Sheet refer Exclusively to the standard products listed under range,

provided that they are processed in accordance with the intended use and only when used with the recommended additives. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, they shall be limited to the value of the goods delivered by us and utilized by you with respect to all damages not caused intentionally or by gross negligence.