

Ink

## SF Series

### FIELD OF APPLICATION

#### Substrates

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

PU leather

PVC leather

Genuine leather

Polyester

Nylon

Canvas

#### Field of Use

SF series is designed to print on Canvas shoes, Sports Shoes. 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

SF 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
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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 very fast 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.