

Ink

Solvent Base

SR-2 Series

FIELD OF APPLICATION

Substrates

The screen printing ink SR-2 is excellently suited to print onto various material

Hosiery Cloth
PU leather
PVC leather
Genuine leather
Polyester
Nylon
Cotton Spandex
Lycra
Canvas

Field of Use

SR-2 series is designed to print on T-Shirt, Joggers Pants, Track suits, Canvas shoes, Sports Shoes, Labels for Apparels, Logos for Textiles/Apparels, Cotton or knitted fabric

The ink can be used as 2 component ink. This special ink compared to other 2 component inks, a very good adhesion and is highly qualified for adhesion standard.

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 printability and stable in color matching. This ink has a good levelling properties.

HOW TO USE

SR-2 Silicone ink is two component ink. Clear ink (Part A) and Color Paste (Part B) is mixed with a ratio of 10:1 (10gms of clear by weight and 1gm of color paste by weight) mix it thoroughly and then add 10 % of hardener by weight (earlier mixed ink by weight was 11gms and now add 1.1 gms of hardener by weight) Dilute the ink with 10%-15%

TP-69 (medium dry thinner).Use TP-67 to make the drying slower. It is must to make sure the previous printing surface dry (usually 15 minutes) 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 is recommended

CLEANER

Use TP-65 for cleaning screen /washing up.

RANGE OF COLORS

Basic Colors

105 H.D. White
203 Original Yellow
3020 Dark Red
305 Orange
403 Original Blue
501 Black
601 Green

ADDITIVES

Thinner:

Before production, the viscosity of the screen printing has to be adjusted by the addition of thinner.

Thinner, very fast (addition 10%-20%)
TP-61

Thinner, standard (addition 10%-20%)
TP-65

Retarder:

Thinner, slow(addition 10%-20%)
TP-67

Retarder TP-67 can be used along with TP-65 or TP-61 to meet the printing requirement.

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 a 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 8-10 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 any and all damages not caused intentionally or by gross negligence.