

## Ink

# BGK Series

## FIELD OF APPLICATION

### Substrates

The screen-printing ink BGK series is excellently suited to print onto  
Polyester  
Waterproof Nylon  
Nylon

### Field of Use

BGK series is two component versatile ink to print on Polyester, Nylon, Waterproof Nylon material.

This special ink has compared to other 2 component inks has very good adhesion to the substrate.

## CHARACTERISTICS

This glossy, physically drying screen printing ink exhibits good mechanical & chemical resistance as well as good flexibility and adhesion. Excellent printability and stable in color matching.

## HOW TO USE

Dilute the ink with 10%-20% of TP- 65 (slow dry thinner) or TP-69 (Medium dry thinner).  
Use TP-65M to make the ink drying slower. BGK Series ink is physically drying ink through the evaporation of solvent within one hour. While multi-color printing we recommend force drying by infrared lamps or hot air blower. This will reduce drying time

Tack Free Time	5-10 minutes	Natural Cure
Hard Drying Time	6-8 hours	Natural Cure

If several layers are printed longer drying time is recommended

## CLEANER

Use TP-65 for cleaning the 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  
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

## Technical Data Sheet

## Screen Printing inks

2024  
24.Jan

### 4 Color Process Printing inks

Process Black  
Process Red  
Process Yellow  
Process Blue

Under different conditions, particularly higher storage temperatures, the shelf life is reduced. In such case, the warranty given by Spinks expires.

### ADDITIVES

#### Thinner:

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

Thinner TP-61, very fast drying (addition 15%-25%)

Thinner TP-65, standard drying (addition 15%-25%)

#### Retarder:

Thinner TP-65M, very slow drying (addition 15%-20%)

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

### Custom Colors

Pantone/RAL/TPX colors are custom made colors and can be developed as per request.

### TYPE OF PACKING

1kg/5kg Can

### SHELF LIFE

The shelf life for an unopened ink container if stored at a temperature of 15<sup>0</sup>-25<sup>0</sup> C is

- 1) 2 years for the basic colors and Process Colors.
- 2) 1 year for Metallics and fluorescent colors.

### PRECAUTION

- 1) Ink is glossy. Matt ink can be developed on request.
- 2) Please refer MSDS before use.
- 3) Be sure to do trials before commercial run to confirm that the product fits the purpose.
- 4) Additional technical information may be obtained from our Technical Department.
- 5) 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.