



# Silk Screen Inks

## Products Information

[www.sabinecolors.com](http://www.sabinecolors.com)



## BBP Untreated PP/PE Inks

### PROPERTIES

The BBP series of screen ink, with a range of opaque colors, is ideal for printing on PP Co-polymer and PP board, PP substrates – treated and untreated. It gives a satin to glossy finish and is suitable where chemical and scuff resistance requirement is not stringent.

### Application

Mainly on Polypropylene and some Co-polymer of PP (Either primer, C170 is recommended for cleaning prior to printing.)  
Corrugated PP Billboard (Not suitable for long term outdoor applications.)

### Thinning and Cleaning

- Stir well before use.
- BBP inks should be thinned 5-10% with Thinner SWT139S before printing.
- Slow Retarder SBP17 can be used to make the ink dry more slowly when printing in a warm room or when using screens with high mesh counts.
- Cleaner C170 should be used to clean BBP ink from the screen. For heavy ink stains, Screensolve can be used.

### Drying

Tack free in approximately 10-15 minutes. Forced dry at 40-60°C in approximately 2-3 minutes.

### Coverage

Approximately 45-50 square meter per liter of ink with 120 threads / cm. mesh count monofilament polyester or nylon and 10% dilution.

### Stencils

- BBP can be printed through any type of mesh, but for the best printing results it is recommended that monofilament P90-48 to P120-34 or stainless steel mesh (230 -325 mesh count/inch) be used, depending on the detail required.
- BBP can be printed through a variety of solvent resistant stencils, such as Diazol universal PU(220) & Diazol (S42)
- 1Kg of ink will print an area of 20-26 m<sup>2</sup> through a P110-34 mesh.
- A snap distance of about 2-3 mm is required for a good release of the print from the screen.

Due to the wide range of substrates available, it is advisable that the ink be tested fully prior to printing.

### Mesh

Fine line printing:	140-200 threads / cm.
Normal printing:	90-120 threads / cm.
Optimum opacity:	36-90 threads / cm.
Process colors:	90-150 threads / cm.

### Precautions

Due to considerable variations in quality and type of substrate, pre-testing by user is recommended.

Multi-color printing should be completed within 24 hours without re-treating the substrate.

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