



PAPER AND BOARD INK (PAB)

Main Characteristics

Finish

Satin

Ink Type

One Pack – Solvent Based

Drying

- Jet dry : 70 °C 10-15 seconds
- Jet dry : 80-100 °C 10-15 minutes (Coated Metal)
- Air dry : Not over 15 minutes

Thinning

- 20 % Thinner 2900
- Hot shop condition 20 % Retarder 6032

Cleaning

- Cleaner 2940
- For heavy ink stains, Screensolve (SSO038) can be used.

Mesh

- P90-48 to P120-34 Monofilament

Stencil Type

- All solvent-resistant direct Emulsion photo-stencils

Recommended

- U017 Diazol Plus Ultra
- FG226 Polyzol Plus S

Coverage & Mesh No.

- 55-70 m²/Kg (Polyester Mesh No. P110-34)

Application

Paper and PS

Important

- Stir well before use.
- It is advisable that the ink be tested fully prior to printing.

Colours Range

23 Colours : 13 Standard, 6 CMS and 4 Trichromatic colours

Features

- Printing onto Paper and Polystyrene/PS.
- Excellent screen stability and suitable for manual and automatic printing.
- Fast drying and satin finish.

Available Colours

Standard Colours

| | | | |
|-------------------------|--------------------|----------------------------|-------------------------|
| PAB100 Black | PAB520 Scarlet (T) | PAB626 Monastral Blue | PAB721 Bright Green (T) |
| PAB200 White | PAB562 Pink | PAB640 Deep Blue | PAB726 Monastral Green |
| PAB330 Light Chrome (T) | PAB623 Mid Blue | PAB720 Brilliant Green (T) | PAB091 Clear |
| PAB400 Light Orange (T) | PAB624 Royal Blue | | |

CMS Base Colours

| | | | |
|--------------------------|-----------------------|--------------------|------------------|
| PAB320 CMS Yellow GS (T) | PAB500 CMS Red YS (T) | PAB560 CMS Magenta | PAB600 CMS Blue |
| PAB340 CMS Yellow RS (T) | PAB550 CMS Red | PAB590 CMS Violet | PAB700 CMS Green |
| PAB440 CMS Orange (T) | | | |

Trichromatic Colours

PAB110 Trichromatic Black PAB310 Trichromatic Yellow PAB510 Trichromatic Magenta PAB610 Trichromatic Cyan

Standard Packing

25 Kg, 5 Kg, 1 Kg and 500 g containers.

Safety and Handling

- Ink marked with a (T) contain heavy metals and should not be used for printing items that might be chewed by children. They are also harmful to unborn child.
- All other colours comply with the following standards : EN71-3, Standard of The European Economic Community and Part1303, Title16, Code of Federal Regulation of U.S.A.
- Whilst working with the ink, the consumption of food and drink, and smoking are not recommended.
- PAB ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the Safety and Handling of PAB ink** in Chaiyaboon Material Safety Data Sheet, available on request.

Storage

- PAB ink should be stored in a sealed container between 5-25 °C.
- Store in a well ventilated place.

