



PLASTISOL INK (PTN)

Main Characteristics

Ink Type

One Pack – Plastisol Based

Drying

- Convection oven stoving/Jet air drying : 130-150 °C 2-3 minutes
- Long/Medium wave infra-red stoving : 130-150 °C 30-60 second
- Short wave infrared stoving : 130-150 °C 15-20 second

Transfer Printing

- Convection oven stoving/Jet air drying : 100-130 °C 30-60 second
- Transfer 180-190 °C 10-15 second

Thinning

- PTN901 5-10 %

Cleaning

- Cleaner 2940

Mesh

- P21-140 to P90-40 Monofilament

Stencil Type

- All solvent resistant direct Emulsion photo-stencils

Recommended

- T326 Diazol Tex
- U016 Diazol Plus Ultra
- FT426 Polyzol Tex

Application

Fabrics made from natural fibers such as cotton and wool

Important

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

Colours Range

24 Colours : 7 Standard, 8 CMS, 5 Fluorescent and 4 Trichromatic colours

Features

- Suitable for printing fabrics made from natural fibers such as cotton and wool.
- Suitable for direct and transfer printing.
- Excellent screen stability colour brightness and high opacity as well as high elasticity.
- Good wash resistance.

Available Colours

Standard Colours

PTN100 Black

PTN623 Mid Blue

PTN645 Navy Blue

PTN721 Bright Green

PTN290 Opaque White

PTN640 Deep Blue

PTN720 Light Green

PTN090 Clear

CMS Base Colours

PTN327 CMS Yellow GS

PTN407 CMS Orange

PTN550 CMS Red

PTN590 CMS Violet

PTN347 CMS Yellow RS

PTN540 CMS Deep Red

PTN560 CMS Magenta

PTN700 CMS Green

Fluorescent Colours

PTN381 Fluorescent Yellow PTN581 Fluorescent Red PTN583 Fluorescent Magenta PTN781 Fluorescent Green
PTN481 Fluorescent Orange

Trichromatic Colours

PTN110 Trichromatic Black PTN310 Trichromatic Yellow PTN510 Trichromatic Magenta PTN610 Trichromatic Cyan

Standard Packing

30 Kg, 5 Kg and 1 Kg containers.

Safety and Handling

- All 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.
- PTN ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the Safety and Handling of PTN ink** in Chaiyaboon Material Safety Data Sheet, available on request.

Storage

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

