



## PLASTISOL INK (PTN)

### Main Characteristics

#### Ink Type

One Pack / Plastisol-Based

#### Drying

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

#### Transfer Printing

- Transfer at 180-190 °C for 10-15 seconds.

#### Thinning

- PTN901 5-10 %

#### Cleaning

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

#### 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

26 Colours : 8 Standard, 8 CMS, 5 Fluorescent, 4 Trichromatic and 1 Phosphorescent 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

PTN200 White

PTN640 Deep Blue

PTN720 Brilliant Green

PTN090 Clear

PTN290 Opaque White

#### CMS Base Colours

PTN327 Yellow GS

PTN407 Orange

PTN550 Red BS

PTN590 Violet

PTN347 Yellow RS

PTN540 Deep Red

PTN560 Magenta

PTN700 Green

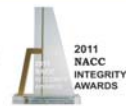
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**Fluorescent Colours**

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

**Phosphorescent Colour**

PTN009 Phosphorescent Green

**Standard Packing**

30 Kg, 5 Kg and 1 Kg container.

**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 Safety Data Sheet, available on request.

**Storage**

- Storage temperature should not be over 40 °C. It should be stored in a dry location with good ventilation and away from heat or ignition sources.
- When stored under these conditions, It is expected to have a shelf-life of 24 months from the date of manufacture.
- Close the bottle tightly after every use.

**Certified Standards**

- PTN ink is made by Kulwong Co., Ltd. with ISO 9001/ISO 14001/BS OHSAS 18001 & TIS 18001 Certified by TUV NORD (Thailand) Ltd.