



## POLYPAC INK (PLP)

### Main Characteristics

**Finish**

Gloss

**Ink Type**

Two Pack – Solvent Based

**Drying**

- Air dry : 3-10 minutes
- Oven stoving : 80-85 °C 30-120 seconds
- The dried ink film will have optimum product resistance after 24 hours at room temperature.

**Catalyst**

- PLP ink : PLP073 = 95 : 5 by weight (use within 24 hours)

**Thinning**

- 10-20 % Thinner 13019
- 10-20 % Retarder 13018

**Cleaning**

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

**Mesh**

- P90-48 to P140-34 Monofilament
- N90-44 to N140-35 Monofilament

**Stencil Type**

- All solvent resistant direct Emulsion photo-stencils

**Recommended**

- U017 Diazol Plus Ultra
- FG226 Polyzol Plus S

**Coverage & Mesh No.**

- 24-43 m<sup>2</sup>/Kg (Polyester Mesh No. P90-48 to P140-34)

**Application**

Treated Polyethylene (PE) and Polypropylene (PP)

**Important**

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

**Colours Range**

27 Colours : 13 Standard , 10 CMS and 4 Trichromatic colours

### Features

- Suitable for treated Polyethylene (PE) and Polypropylene (PP).
- Also suitable for various types of aluminium and stove enamel coated metal.
- Smooth surface and excellent rub resistance.
- Resistant to a wide range of products such as bleaches, motor oils and most detergents.
- Fast drying.
- All colours are Non-Toxic.

**Available Colours**

**Standard Colours**

PLP100 Black	PLP520 Scarlet	PLP625 Ultramarine	PLP721 Bright Green
PLP290 Extra Opaque White	PLP562 Pink	PLP626 Monastral Blue	PLP073 Catalyst
PLP400 Light Orange	PLP623 Mid Blue	PLP640 Deep Blue	PLP090 Clear
PLP501 Vermillion	PLP624 Royal Blue	PLP720 Brilliant Green	PLP091 Clear

**CMS Based Colours**

PLP320 CMS Yellow GS	PLP407 CMS Orange	PLP560 CMS Magenta	PLP600 CMS Blue
PLP327 CMS Yellow GS	PLP500 CMS Red YS	PLP590 CMS Violet	PLP700 CMS Green
PLP340 CMS Yellow RS	PLP550 CMS Red		

**Trichromatic Colours**

PLP110 Trichromatic Black	PLP310 Trichromatic Yellow	PLP510 Trichromatic Magenta	PLP610 Trichromatic Cyan
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**Standard Packing**

25 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.
- PLP ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the Safety and Handling of PLP ink** in Chaiyaboon Material Safety Data Sheet, available on request.

**Storage**

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