



## UV LED-PVC INK (LEDPV)

### Main Characteristics

#### Finish

Gloss

#### Ink Type

UV LED Curing

#### Curing

- Curing by UV LED Lamp at 4 W/cm<sup>2</sup> or more
- Wavelength 395-405 nm
- Distance between substrate and UV LED Lamp is 4-6 millimeter

#### Thinning

- 5-10% Thinner 2000

#### Cleaning

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

#### Mesh

- P140-34 to P180-34 Monofilament

#### Stencil Type

- All solvent-resistant direct Emulsion photo-stencils

#### Recommended Emulsion

- FG226 Polyzol Plus S
- U017 Diazol Plus Ultra

#### Coverage & Mesh No.

- 80-90 m<sup>2</sup>/Kg (P180-34 Monofilament)

#### Application

- Polyvinyl chloride (PVC)

#### Important

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

#### Colours Range

17 Colours : 4 Standard, 9 CMS colours and 4 trichromatic colours.

### Features

- Polyvinyl chloride (PVC).
- Excellent adhesion.
- High gloss film with a good flexibility.
- Weather resistance.
- Mild odour.

### Available Colours

#### Standard Colours

LEDPV100 Black

LEDPV200 White

LEDPV090 Extender Base Clear

LEDPV102 Dense Black

LEDPV290 Opaque White

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**CMS Base Colours**

LEDPV320 Yellow GS	LEDPV500 Red YS	LEDPV560 Magenta	LEDPV600 Blue
LEDPV340 Yellow RS	LEDPV550 Red	LEDPV590 Violet	LEDPV700 Green
LEDPV407 Orange			

**Trichromatic Colours**

LEDPV110 Trichromatic Black	LEDPV310 Trichromatic Yellow	LEDPV510 Trichromatic Magenta	LEDPV610 Trichromatic Cyan
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**Standard Packing**

1 Kg container.

**Safety and Handling**

- All colours comply with the following standard : 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.
- LEDPV ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the safety and handling of LEDPV ink** in Chaiyaboon Safety Data Sheet, available on request.

**Storage**

- LEDPV ink should be stored in a sealed container between 5-25°C.
- Store in a well ventilated place and avoid direct sunlight.