



UV LED-PVC INK (LEDPV)

Main Characteristics

Finish

Gloss

Ink Type

UV LED Curing

Curing

- Curing by UV LED Lamp at 4 W/cm² 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 m²/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

15 Colours : 2 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

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CMS Base Colours

LEDPV320 Yellow GS	LEDPV500 Red YS	LEDPV560 Magenta	LEDPV600 Blue
LEDPV340 Yellow RS	LEDPV550 Red BS	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 Safety Data Sheet, available on request.

Storage

- Storage temperature should not be over 25 °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 12 months from the date of manufacture.
- Close the bottle tightly after every use.

Certified Standards

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

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