

THE UTILITY PLAYER



LED-CURABLE INK

WHAT IS

LED-CURABLE INKJET INK?

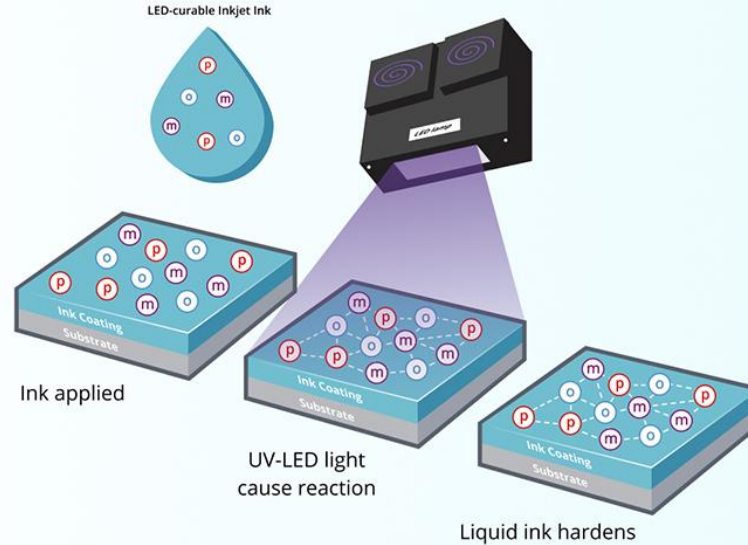
Light-sensitive inks with molecules (**photoinitiators**) that instantly cure when exposed to the ultraviolet spectrum from an LED lamp.



THE SCIENCE OF LED-CURABLE INK

How LED-curing Works

- (m) Monomer
- (o) Oligomer
- (p) Photoinitiator



3

ADVANTAGES

- Better Performance
- Bottom-line Savings
- Eco-friendly



BETTER PERFORMANCE

- 1 | **Rapid curing**
- 2 | **Greater color consistency**
- 3 | **Higher resistance to environmental conditions**
- 4 | **Prints wider substrate range**
- 5 | **Excellent adhesion**
- 6 | **Lightfast**
- 7 | **Lower heat transfer to substrate**



BOTTOM-LINE SAVINGS

- 1 **Lower maintenance**
- 2 **Lower cost of lamps**
- 3 **No makeup air system required**
- 4 **Bulbs last over 10x longer**
- 5 **Small Form Factor**
- 6 **Lightfast**

*Compared to UV-curable systems using mercury lamps



SUPPORTS SUSTAINABILITY

- 1 | **No VOCs**
- 2 | **No UVC radiation
or Ozone released**
- 3 | **More light, less heat**
- 4 | **30-50% less power consumption**
- 5 | **No ventilation required**
- 6 | **Lower ink consumption**



SUBSTRATES & APPLICATIONS

1

Cardboard

2

Beverages, Food & Pharmaceuticals

3

Textiles

4

Décor

5

Signage

6

Metals, Foils & Metalized Paper



CARDBOARD & PAPERBOARD

1

Resistant to fading

2

Durable & scratch-resistant

3

Water resistant

4

**Prints on coated, uncoated &
glossy stock**



BEVERAGES, FOOD & PHARMACEUTICALS

- 1 | **High visual appeal**
- 2 | **Strong adhesion**
- 3 | **Food-grade options**
- 4 | **Withstands heat, cold & moisture**
- 5 | **Compatible with direct-to-object printing systems**
- 6 | **Adheres to glass, plastic, metals & foils**



TEXTILES & FABRICS

- 1 | **Prints on natural and synthetic materials**
- 2 | **Vibrant colors**
- 3 | **Crockfast**
- 4 | **Colorfast**
- 5 | **Fade-resistant**

A decorative graphic in the top left corner consisting of a network of teal dots connected by thin teal lines, resembling a molecular or digital structure.

DÉCOR

- 1 | **No odors**
- 2 | **Resists cracking & peeling**
- 3 | **Weather-resistant**
- 4 | **Wide color gamut from CMYK+**
- 5 | **Prints rigid and soft signage of fabric and plastics**
- 6 | **Suitable for back-lit signage**



SPECIAL EFFECTS

1

Create embossed look

2

Print textured leather-look

3

Raised letter and braille

4

Woodgrain textures and patterns

CONTACT

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