

Kao Collins Inc.

C-Jet UV/LED Curable

General Purpose Applications

The C-Jet UV/LED Curable platform was formulated to provide superior wettability and adhesion onto both flexible and rigid substrates within the graphic arts industry. It is also designed for traditional coated paper and a wide variety of plastic films, such as PVC, PE, and PP. This ink chemistry can be used within a variety of Piezoelectric printheads and can be modified for use in the specific compatible printhead of your choosing.

Ink Features

- Fluid base: UV/LED curable
- Flash Point: > 95°C
- Shipping info: Non-Hazardous
- Shelf-life: 12 months

Printhead Technology

- Printheads: Piezoelectric. Examples include Xaar 1002, KM1024(i), Ricoh Gen5, and various Dimatix printheads.
- Operating Conditions: 40 –45°C

Recommended Use

- Applications: Ideal for Single-Pass, Flatbed, Roll-to-Roll, or Hybrid Print Systems
- Cure Conditions:
 - H Bulb: Cure with undoped, medium pressure mercury lamp; Cure dose: 200 mJ/cm²
 - D Bulb: Cure with iron-doped mercury lamp;
Cure dose: 200mJ/cm²
 - LED Bulb: Curable at 395nm.; Minimum peak intensity is 8W/cm²
- Using the proper degassing unit is highly recommended¹

Storage & Packaging

- Storage conditions: 15 – 35°C, 20 – 80% relative humidity, non-condensing
- Most popular packaging:
85F – 5 liter (black bottle with handle)
81F – 1 liter (black bottle with handle)
Other packaging also available
- Flushing solution: PUW1185

¹Please contact technical support for any further questions.