

## 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:  $> 95^{\circ}\text{C}$
- 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:  $40 - 45^{\circ}\text{C}$

#### 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:  $200 \text{ mJ}/\text{cm}^2$
  - D Bulb: Cure with iron-doped mercury lamp; Cure dose:  $200 \text{ mJ}/\text{cm}^2$
  - LED Bulb: Curable at  $395 \text{ nm}$ ; Minimum peak intensity is  $8 \text{ W}/\text{cm}^2$
- Using the proper degassing unit is highly recommended<sup>1</sup>

#### Storage & Packaging

- Storage conditions:  $15 - 35^{\circ}\text{C}$ , 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

<sup>1</sup>Please contact technical support for any further questions.