

## Compatibility for the use of V-BOND Ink in the CO-Series/LEC2-S Series Printers

Building upon the success of V-BOND Ink for its LEF2 and LEF printers, Roland DGA is excited to offer V-BOND Ink for use with the new VersaOBJECT CO-300/CO-640 UV printers as well as the VersaUV LEC2 S-Series printers. Demand for the development of V-BOND Inks specially formulated for these state-of-the-art large-format flatbeds has been incredibly high.



V-BOND has already gained immense popularity among LEF and LEF2 printer users, and we are excited to extend its capabilities to our flatbed and hybrid UV printer range. It's now available for use with the CO-300/CO-640 UV printers and LEC2 S-Series printers in the US, Canadian, and Latin American markets.

V-BOND Ink has quickly become a sought-after UV ink due to its exceptional imaging capabilities, outstanding durability, and commitment to providing a safer, less toxic printing alternative compared to standard UV inks. Furthermore, V-BOND is certified under Proposition 65 and the Consumer Product Safety Improvement Act (CPSIA), ensuring its compliance with industry regulations.

### Key Advantages of V-BOND Ink

- **Superior Surface Adhesion and Scratch Resistance:** V-BOND was thoroughly tested against EUV, EUV-4, and EUV-5 inks, and it has proven to deliver unparalleled adhesion and scratch resistance on a wide variety of substrates.
- **Faster Tactile Build:** For complex print methods like tactile prints, V-BOND's clear ink build with GLOSS ink is approximately 1/3 faster than other UV inks, optimizing efficiency and saving valuable print time.
- **LED-Curable and Trouble-Free Printing:** V-BOND is an LED-curable ink specially formulated to deliver high-performance and trouble-free printing. It ensures excellent color fidelity and faster ink-build, providing a seamless printing experience.
- **Expanded Color Gamut:** V-BOND Inks offer an expanded color gamut, with magenta density resulting in more vibrant reds, adding an extra level of vibrancy to your prints.
- **Long-Term Outdoor Durability:** V-BOND Ink boasts an impressive two-year outdoor durability, and when paired with a suitable laminate, it can extend to an impressive five years, ensuring your prints maintain their quality even in challenging outdoor conditions.

- **Lower Maintenance Requirements:** V-BOND Ink is designed to be less aggressive to the rubber and plastic parts of the capping station, significantly improving the health and longevity of the printheads, thereby reducing maintenance needs.
- We believe that V-BOND Ink will enhance your printing capabilities and provide you with the tools to create outstanding prints with ease and confidence. Whether you are working on intricate textured prints or vibrant outdoor signage, V-BOND Ink is engineered to deliver exceptional results.
- For more information on V-BOND Ink, including pricing, availability, and technical specifications, please feel free to contact our support team or visit our website.

## **Key Features and Benefits**

Here are the top reasons for buying a CO-300UV/640UV printer (or an LEC2-Series printer) with V-BOND Ink:

### **1. Enhanced Safety and Compliance:**

- **California Proposition 65 Compliant:** V-BOND Ink meets the stringent safety requirements of California Proposition 65, ensuring user safety and compliance with state regulations.
- **Consumer Product Safety Improvement Act (CPSIA) Compliant:** Our ink is fully compliant with CPSIA, providing an extra layer of safety assurance for consumers.
- **EU RoHS Compliant:** The ink is in line with the European Union's RoHS directives, free from hazardous substances, contributing to a safer work environment.
- **No Restricted Components:** V-BOND Ink does not contain any components exceeding the maximum levels allowed by the European Directive 2011/65/EU (RoHS/RoHS2) or the 2015/863/EU (RoHS3), ensuring environmental responsibility in ink manufacture.
- **Nickel-free and Phthalate-free White Ink:** Our ink formulation is free from nickel and phthalates, making it safe for a wide range of applications, including those involving direct skin contact.
- **Air-Shipping Compliance:** V-BOND Ink meets air-shipping regulations, making it convenient and hassle-free for international transportation.

### **2. Excellent Print Quality:**

- **Vibrant Reds with Magenta Density:** The magenta density in V-BOND Ink results in more vibrant reds, enhancing the overall print quality and visual impact.
- **Wide Color Gamut:** Enjoy high print quality and excellent color fidelity with V-BOND Ink, offering a wide color gamut for captivating prints.
- **Long-Term Outdoor Durability:** Prints made with V-BOND Ink boast an impressive two-year outdoor durability, which can be extended to five years with the use of a suitable laminate, ensuring long-lasting and reliable results.

### **3. Superior Adhesion to Rigid and Flexible Substrates:**

- Strong Scratch Resistance: V-BOND Ink provides superior scratch resistance, ensuring your prints stay intact even in demanding environments.
- Excellent Adhesion: Our ink offers very good adhesion, making it suitable for a variety of substrates, both rigid and flexible.
- Versatility with Flexible Substrates: V-BOND Ink prints and adheres well to all flexible substrates, allowing you to explore a wide range of applications.
- Increased Adhesion Performance on Rigid Media: Experience enhanced adhesion performance when printing on rigid media, expanding your creative possibilities.

**4. Cost-Effective Solution:**

- Competitive Pricing: The CO-300UV/640UV printer (or LEC2-Series Printer) with V-BOND Ink offers a cost-effective solution, delivering outstanding performance without breaking the bank.
- Two-Year Trouble-Free Warranty: Backed by Roland DGA's industry-leading Two-Year Trouble-Free Warranty, you can have peace of mind knowing that your investment is protected.

<b>V-BOND Ink 220 ml ink (CMYKGL)*</b>	<b>\$ 59.99/cartridge</b>	<b>(S-UV-x)</b>
<b>V-BOND Ink 220 ml ink (White)</b>	<b>\$ 59.99/cartridge</b>	<b>(S-UV-W)</b>
<b>V-BOND Ink 500 ml ink (CMYKGL)*</b>	<b>\$ 99.99/cartridge</b>	<b>(S-UV-x)</b>

## V-BOND Installation Process

### 1. Download the Installation Manual

- a. Imagi-net -> CoCreation -> CO-300UV/CO-640UV product page -> Download zip file -> Install the manual

### 2. Printer Set Up (Ink Installation)

- a. Download center -> CO-300UV/CO-640UV product page -> Download firmware version 1.50 or later
- b. Set the System switch Page16-Bit6 (sixth from the right) by activating System Switch mode
- c. Go back to the Setup Guide, and then restart from "Initial Settings." Select the ink type:
  - S-UV GIGIWW (CMYKGIGIWhWh)
  - S-UV 4COLOR (CMYKCMYK)

### 3. VersaWorks Update

- a. After July 25th
  - Download center -> VersaWorks -> Download VersaWorks version 6.18.0 or later

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**Note:** Support for V-BOND in LEC2-330S and LEC2-640S series printers must be provided by an Authorized Roland DGA Service Engineer or an Authorized Roland DGA Dealer. The conversion process must include full Head Wash / Ink Fill. (We will be providing service documentation in near future)

[https://365rolanddg.sharepoint.com/sites/extranet/Product-MD-Document/CO-300\\_640UV\\_LEC2-330\\_640SUV\\_0725.zip](https://365rolanddg.sharepoint.com/sites/extranet/Product-MD-Document/CO-300_640UV_LEC2-330_640SUV_0725.zip)

The conversion process is NOT covered under the initial Sale and must be paid prior to the ink conversion. The conversion process will NOT void the printer warranty. Two-Year Warranty honored as of original purchase date.