

**Product Description:**

The PLASMA VU curable UV based ink series is designed for use on rigid, flexible and elastic substrates for outdoor and indoor applications. They are designed for printing on a wide range of coated and uncoated rolled and rigid media, and also on a wide range of flexible media, like: vinyl, styrene, polycarbonate, acrylic, polyester, PP, foam board and more.

**Primary applications:**

- PLASMA VU Rigid ink:
  - ✓ Hard ink, glossy and strong mechanical properties
- PLASMA VU Flexible ink
  - ✓ Flexible ink designated for rigid substrates that bend and stretch, the ink has very good adhesion properties. For optimal adhesion use a Bordeaux adhesion promoter.

**Benefits and Primary Features:**

Bordeaux's UV curable ink series are designed to deliver high quality color and performance, exceptional reliability and cost savings. The fully tested and proven ink series offers extended compatibility to a wider range of flat to roll (FTR) and roll to roll (RTR) substrates while extending long-term outdoor durability.

- Formulated for a wide range of flexible and semi flexible applications and media
- Perfect jetability and instant curing properties
- VOC and odor free
- Vivid color gamut

**Printer's compatibility:**

- EFI VUTEK QS SERIES UV BASED INKS

**Substrates compatibility:**

	Recommended Primer
<u>Paper base</u>	
Foam Centered Board	
Corrugated Board	
Display Board	
Paper	
<u>Plastics</u>	
Vinyl	
Foam PVC	
Acrylic	Bordeaux Clear-PL may require to improve adhesion
Self-Adhesive PVC	
Gloss / Matte Rigid PVC	
Non treated Polypropylene	Bordeaux Clear-PL essential for adhesion
Corona treated Polypropylene (Coroplast)	
Polycarbonate	
<u>Other</u>	
Glass	Bordeaux Clear-GP essential for adhesion
Melamine coated wood	Bordeaux Clear-GP essential for adhesion
Metal	Bordeaux Clear-GP essential for adhesion

**Primer compatibility:**

- (a) Primer for Glass substrate: Clear GP 0.5 L Bottle 60068
- (b) Primer for plastic substrate: Clear PL 0.5 L Bottle 13819

**Color availability:**

Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White, Cleaning liquid

- Light Yellow, Light Black- Upon request

**Printing Conditions:**

Printing temperature should be 25°C +/- 5°C and relative humidity should be 50% +/- 15% (non-condensing).

**Installation:**

The PLASMA VU curable ink series can be installed directly after a Cleaning Liquid procedure is completed, which must be performed with a the PLASMA VU cleaning liquid. .

**Outdoor Durability:**

The PLASMA VU curable ink series outdoor durability is up to 24 months without lamination according to ISO 11341.

**Shelf Life:**

C, M, Y, K, Lc, Lm, Ly, Lk Cleaning Liquid - 12 months from the date of manufacturing.  
White - 9 months from the date of manufacturing.

**Disclaimer:** It is clarified that the specifications, instructions and other information included in this Technical Data Sheet ("TDS"), including without limitation with regard to storage, use and installation of the products referred to herein ("the Products"), constitutes the sole specifications, instructions and other information that apply with respect to the Products, and supersede any other communications, representations and warranties ("Representations"), whether written, oral, or otherwise with respect to the Products, and no such Representations, provided or to be provided in any form other than in this TDS or in a replacing or supplementary TDS issued by Bordeaux Digital Printink ("Bordeaux"), is to be relied upon or referred to and same will not obligate any distributor of the Products or Bordeaux. It is also clarified that despite of high color gamut compatibility in laboratory conditions the human eye might detect color variations, on certain media types, in specific light conditions. Without derogating from the above, Bordeaux and any distributor of the products shall not be liable to any loss or damage, including such loss or damage to any third party, caused by any use of the Products which is inappropriate or which is otherwise than in accordance with instruction for the use of the Products in this TDS or in a replacing or supplementary TDS issued by Bordeaux. In any event, Bordeaux liability is limited to the price of the Products or the cost of replacing such Products and Bordeaux is not, in any event, liable to any other loss or damage, including consequential damages.

**Storage Conditions:**

Store tightly covered at temperatures between 10°C to 30°C and relative humidity between 25% to 70%. Leave the ink in the original container for storage and prevent exposure to light and heat.

**Shipping and Handling:**

All personal handling these products must wear gloves and eye protection. After use, wash hands with soap and water. Should ink come in contact with clothes, remove clothing to avoid prolonged skin exposure. Should ink come in contact with skin, wipe off with a clean, dry absorbent cloth and wash area with soap and water. For additional safety data, please refer to MSDS.

**Mix & Match**

\*Bordeaux proprietary Mix & Match™ concept enables on-the-fly conversion of the original ink to Bordeaux without the need to Cleaning Liquid, replace parts and to perform new color profiles in most configurations. The “Mix™ only” technology enables conversion of specified OEM inks to Bordeaux without the need to Cleaning Liquid or replace parts.

**Bordeaux warranty program**

\*\* The user must refer to Bordeaux warranty program and liability <http://www.c-m-y-k.com/>

**Product Line:** Contact your Bordeaux representative for additional packaging.

Order code	Product description
13112	PLASMA VU RIGID 3.25L CUBITAINER BLACK FOR EFI VUTEK
13109	PLASMA VU RIGID 3.25L CUBITAINER CYAN FOR EFI VUTEK
13440	PLASMA VU RIGID 3.25L CUBITAINER LIGHT BLACK FOR EFI VUTEK
13113	PLASMA VU RIGID 3.25L CUBITAINER LIGHT CYAN FOR EFI VUTEK
13114	PLASMA VU RIGID 3.25L CUBITAINER LIGHT MAGENTA FOR EFI VUTEK
13439	PLASMA VU RIGID 3.25L CUBITAINER LIGHT YELLOW FOR EFI VUTEK
13110	PLASMA VU RIGID 3.25L CUBITAINER MAGENTA FOR EFI VUTEK
60068	PLASMA VU RIGID 3.25L CUBITAINER WHITE FOR EFI VUTEK
13111	PLASMA VU RIGID 3.25L CUBITAINER YELLOW FOR EFI VUTEK
Order code	Product description
13725	PLASMA VU FLEX 3.25L CUBITAINER BLACK FOR EFI VUTEK
13722	PLASMA VU FLEX 3.25L CUBITAINER CYAN FOR EFI VUTEK
13729	PLASMA VU FLEX 3.25L CUBITAINER LIGHT BLACK FOR EFI VUTEK
13726	PLASMA VU FLEX 3.25L CUBITAINER LIGHT CYAN FOR EFI VUTEK
13727	PLASMA VU FLEX 3.25L CUBITAINER LIGHT MAGENTA FOR EFI VUTEK
13728	PLASMA VU FLEX 3.25L CUBITAINER LIGHT YELLOW FOR EFI VUTEK
13723	PLASMA VU FLEX 3.25L CUBITAINER MAGENTA FOR EFI VUTEK
60579	PLASMA VU FLEX 3.25L CUBITAINER WHITE FOR EFI VUTEK
13724	PLASMA VU FLEX 3.25L CUBITAINER YELLOW FOR EFI VUTEK

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