

**Product Description:**

The PLASMA VG 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 VGr ink:
  - Hard ink, glossy and strong mechanical properties
- PLASMA VG 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

**Printers Compatibility:**

- EFI VUTEK GS SERIES UV BASED INKS

**Primer Compatibility:**

Primer for glass substrate: Clear GP 500ml Bottle

Primer for plastic substrate: Clear PL 500ml Bottle

**Available Colors:**

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

**Available Packaging:**

5 Liter bottle

Contact your Bordeaux representative for product codes.

**Printing Conditions:**

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

**Installation:**

The PLASMA VG curable ink series are chemically compatible to the EFI original ink.

PLASMA VG inks can be installed without cleaning or replacing parts, simply drain the remaining ink prior to installing PLASMA VG ink.

**Outdoor Durability:**

The PLASMA VG curable ink series outdoor durability is up to 24 months without lamination.

**Shelf Life:**

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

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**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

**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<sup>TM</sup> concept, enabling on-the-fly conversion of the original ink to Bordeaux without the need to flush, replace parts or perform new color profiles in most configurations. The "Mix" only technology enables conversion of specified OEM inks to Bordeaux without the need to flush or replace parts.

**Bordeaux Warranty Program:**

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

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