

GET THE GO WIDE FORMAT BUZZ.

Graphics One

Buzz

SEPIAX

"Direct-to-Anything"

Ink



Digital Ink Redefined-
-Water Based Resin Ink

SEPIAX "Direct-to-Anything" Ink

- ▶ The Ten Facts
- ▶ Quick FAQs

First "Green" Printers to Use SEPIAX

- ▶ 42" GO RJ900 iO Printer
- ▶ 64" Mutoh ValueJet 1608HA Hybrid Flatbed



Ink Revolution!

SEPIAX "Direct-to-Anything" Ink



Digital Ink Redefined--Water Based Resin Ink

Can you imagine a water-based ink that can print on virtually any material for indoor and outdoor use, is totally green, and has no smell? With the launch of SEPIAX ink, your imagination becomes reality. Using water based resin, owners of digital printers with EPSON printheads now have a revolutionary ink solution, without having to invest in a new printer or utilize specially coated substrates.

Establishing an innovative new digital ink standard, SEPIAX prints on virtually any substrate whether coated or uncoated, making it truly the first "direct-to-anything" ink. Even more astounding, the ink is water based and environmentally friendly and still can be used for both indoor and outdoor imaging. Lasting up to three years outdoors without any lamination, SEPIAX ink offers a color gamut nearly identical to OEM eco-solvent inks with pigments that provide excellent lightfastness.

Specifically developed for printers using EPSON piezo printheads, SEPIAX ink works with printers from Mutoh, Mimaki, Roland and EPSON. Working in a similar manner as UV-curable ink, SEPIAX ink utilizes heat fixation so the ink is fixed to the substrate on contact. But, unlike toxic UV-curable inks, SEPIAX contains no hazardous monomers. In addition, the standard

preheaters on Mutoh, Mimaki, Roland and some EPSON printers are capable of heating most roll materials to the required temperature without added modifications. SEPIAX ink adhesion rivals that of eco-solvent ink and since the ink cures on the substrate surface in a manner similar to UV-curable ink, ink usage is typically between 30-50% less than standard OEM ink.

SEPIAX Ink is one of the greenest ink offerings available, with the majority of its makeup being water. The ink is environmentally friendly, non-toxic, non-flammable and odorless. SEPIAX

"This product will literally cause a major shift in the way in which substrates are used. It is a game changer. All a user has to do is preheat the substrate and print it—Heat It. Print It."

was recognized recently by the European FESPA show for its environmental leadership and product innovation.

According to Dan Barefoot, President of Graphics One, "In all my years of being involved in the large format imaging business, this new development is probably the most exciting change which I have seen in our industry. This product will literally cause a major shift in the

way substrates are used. It is a game changer. All a user has to do is preheat the substrate and print it—Heat It. Print It." Additionally Barefoot noted, "SEPIAX Ink is a true green ink and when combined with other environmental friendly products, will lead the industry transition to ecologically responsible printing."



SEPIAX "Direct-to-Anything" Inks

Product Name	List Price
SEPIAX Ink 1 Liter (CMYK, Lc, Lm)	\$197.50
SEPIAX Ink 440 mL Cartridge (CMYK, Lc, Lm)	\$139.50
SEPIAX Flushing Solutions 1 Liter	\$150.00
SEPIAX Cleaning Solution 1 Liter	\$150.00



GO RJ900 iO--The First 42-inch "Green" Indoor/Outdoor Printer Using SEPIAX



GO RJ900 iO Printer

GO's RJ900 iO printer is the first 42-inch "Green" indoor/outdoor printer to be offered with SEPIAX ink. With a maximum printing and media width of up to 42 inches, a maximum resolution of 2880 dpi, and advanced printing speed, this indoor/outdoor printer is perfect for corporate or sign shops. Making this printer even more conducive to being used in any environment, it produces absolutely no smell and the ink is totally

green. With integrated preheaters, the latest generation piezo variable drop inkjet printheads (one printhead with four colors, 360 nozzles each), and I2 "wave" technology to virtually eliminate print banding, the printer's imaging ability is unrivaled. To lower the cost of owner-

"The RJ900 iO is the first to feature the revolutionary environmentally friendly SEPIAX "Direct-to-Anything" ink."

ship, this highly versatile printer ships standard with an integrated media handling take-up system and a bulk ink refillable system.

RJ900 iO Printer

Product Name	List Price
42" RJ900 iO Printer	\$9,995

Features

- ▶ The First 42-inch Green Indoor/Outdoor Printer Offering SEPIAX as Standards
- ▶ Perfect for Corporate and Sign Shops
- ▶ Patented I2 "Wave" Technology--Virtually Eliminates Print Banding
- ▶ High Printing Speed--Up to 200 ft²/hr
- ▶ Maximum Image Resolution--Up to 2880 dpi
- ▶ Integrated Media Handling Take-up System
- ▶ New Environmentally Friendly Ink--Can Print on ANY Media Substrate with No Coating Necessary
- ▶ Eco-Friendly, Odorless, Non-Toxic and Non-Flammable--It's Green
- ▶ Optional Wasatch SoftRIP for RJ900 iO

Features

- ▶ 64-inch (1.6 meters)
- ▶ Patented I2 "Wave" Technology - Reduces Banding
- ▶ Up to 80 ft²/hr in High Quality Production Mode
- ▶ Can Print Directly onto Both Indoor/Outdoor and Rigid and Flexible Substrates
- ▶ Integrated Medical Grade Air Pump System that Drives the Heated Air Nozzles--No Compressor Required
- ▶ Integrates the Hot Air Nozzle Controllers into the Printer--Enables Control of the Printer from the RIP or Control Panel
- ▶ Includes a Full Working Table with Adjustable Leveling Stand
- ▶ Optional Wasatch SoftRIP

ValueJet 1608HA Printer

Product Name	List Price
64" ValueJet 1608HA Printer	\$48,495

Mutoh ValueJet 1608HA--64-inch Next Generation "Green" Hybrid Flatbed



ValueJet 1608HA Printer

Mutoh's new ValueJet 1608HA flatbed hybrid printer offers a maximum media width of 64-inches and a maximum printing width

"...a next generation "Green" flatbed hybrid printer which uses the SEPIAX "Direct-to-Anything" ink to image onto corrugated plastics, polystyrene, PVC, acrylic, polycarbonate, foam board, aluminum composite and much more."

of 63.5-inches for (roll media.) The ValueJet 1608HA can also print on rigid substrates with

a maximum print width of 50.78 inches and flexible media width of 64 inches. The ValueJet 1608HA also incorporates the patented I2: Intelligent interweaving "wave" print technology that eliminates print banding to produce exceptional color and image quality. Mutoh's ValueJet 1608HA utilizes the drop-on-demand micro piezo drive printing method in four (CMYK) colors and a new print mode of up to 1440 x 1440 dpi resolution in dual speed. The ValueJet 1608HA with SEPIAX ink offers a maximum printing speed of up to 80 ft²/hr with three years outdoor durability without lamination. In addition, the ValueJet 1608HA offers a newly improved construction design, integrated medical

grade air pump system with external filters, an integrated hot air nozzle controllers and comes with it's own full working table with adjustable leveling stand. Graphics One is shipping SEPIAX ink standard with the Mutoh VJ1608HA.



10 REVOLUTIONARY FACTS

Fact 1.

Prints on virtually ANY substrate.*

Fact 2.

No substrate coating needed.

Fact 3.

Water-based with exceptional color pigment and resin properties.

Fact 4.

Eco-friendly, odorless, nontoxic and non-flammable. It's Green.

Fact 5.

Adhesion similar to UV curable ink and durability rivaling eco-solvent ink.

Fact 6.

Ink usage 30% to 50% less means lower operating costs.

Fact 7.

Clog-free formula, enhances printhead longevity.

Fact 8.

Outdoor durability up to three years.

Fact 9.

Compatible with all EPSON piezo print-heads.

Fact 10.

Not ordinary latex--it's better.

**Substrate surface must maintain a temperature of between 45°C-55°C while printing.*

Heat It. Print It.

Is Your Media Compatible with SEPIAX?

SEPIAX Ink is truly a "direct-to-anything" ink that will adhere to substrates. if heated between 45°C-55°C.

Although, virtually all eco-solvent printers have pre-installed preheaters which heat the substrate from below to the required temperature, there are some other printers, such as the Mutoh 1608 flatbed printer, which have hot hair heating the substrate surface to the required temperature. As long as the substrate surface reaches the required temperature, as demonstrated by both printers, SEPIAX will work.

Graphics One offers a special testing program. Please feel free to contact Graphics One should you wish to know whether a specific substrate is compatible or not.

At Graphics One we say:

"Heat It. Print It."

Want to Know More about SEPIAX Ink?

(Frequently - Asked - Questions)

Q. What makes this ink different?

A. Our new ink is the first "direct-to-anything" indoor/outdoor green ink. Can you imagine being able to print on virtually any substrate with an ink which is environmentally friendly, has no smell and no special coating is needed? This ink is now available--a water based resin ink with almost unlimited applications for use on printers using EPSON piezo printheads.

Q. How does the ink work?

A. This water based resin ink uses heat for curing the imaging. As we say: "Heat it. Print It.," meaning all a user has to do is make sure the surface of the substrate is heated up to 45°C-55°C. Preheaters are standard on all eco-solvent printers, including Mutoh, Mimaki and Roland.

Q. What happens to the ink after it is imaged?

A. The ink works very much like uv-curable ink in that the ink actually sits on the surface of the substrate rather than being absorbed. The ink is almost immediately dry to the touch. The binders are like super glue and provide adhesion, stability, similar to that provided by UV curable ink, and abrasion resistance similar to what can be expected with eco-solvent inks.

Q. How can the ink use between 30-50% less ink while maintaining the same coverage?

A. The ink actually sits on the surface of the image and is not absorbed by the substrate. Based on this fact, less ink is used to cover the same area than other types of inks.

Q. What types of material can be printed?

A. Whether it is rigid, flexible, porous, non-porous, non coated or coated, the ink works with virtually any material in which the substrate surface can be heated to 45°C-55°C. The range is almost unlimited.

Q. Which printers does the ink work with?

A. This ink works with any printer using EPSON piezo printheads including Mutoh, EPSON, Mimaki and Roland printers, but must have a preheater to work. The ink is water based which means no internal changes to the printers are needed, nor is there a need for special solvent resistant parts. Graphics One will pro-

vide preheater solutions for those printers needing this capability.

Q. What printer preparation is needed prior to installing the new ink?

A. Easy instructions are provided for use with a special flushing and cleaning solution so that either a user or a reseller can ensure the printer is ready for the installation of the new ink.

Q. Is this ink a latex type ink?

A. No. Like latex, resin is a polymer, but they are chemically different. Our ink is latex-free.

Q. When will Graphics One start shipping this ink and to whom?

A. Graphics One works with resellers that are able to provide local support. The ink is ready for delivery today!

