

Eco-Sol

Description

AT Inks, Eco-Solvent Range of Inks are inks designed specifically for the Epson* Printheads. Epson* Printheads provide excellent resolution, however, these printheads are delicate Piezo devices and need very mild solvents to give long life. They are dependent on a Damper system and an ink delivery system which is specially designed. All of these requirements, create a need to design a separate and an Eco-Solvent system for Epson* Printheads.



AT Inks, Eco-Solvent Inks can be used on Epson* DX4, DX5, DX7 and DX10 Printheads as they are popularly known. The inks are available as Eco Sol Max and Eco Sol DX Grades.

Benefits and Advantages

AT Inks, Eco-Solvent Inks are a perfect solution to replace, OEM Inks from printer manufacturers such as Roland*, Mimaki* and Mutoh* and the Eco Sol DX version is the more reasonably priced product for Chinese machines coming with the DX5 or DX7 heads. These machines are designed for Indoor printing. Eco-Solvent Inks can be used for Indoor and Outdoor printing and provide Bright, Vibrant and very high resolution images.

The shelf-life of these inks are upto 24 months which is a huge advantage compared to many other inks in the market.

Field of use

AT Inks, Eco-solvent inks are designed for use primarily for Epson* printheads such as DX4, DX5, DX7 and DX10. Newer inks which are Eco-Solvent type are now available also for some Konica Minolta*, Xaar* 1201 and Ricoh Gen 4, Gen 5 Printheads. Compatible chip solutions/ RFID solutions can be arranged on request.

Substrates

AT Inks, Eco-Solvent grade can be printed on the following substrates to create vibrant images:

- Flex/Banner
- Backlite
- Self adhesive Vinyl
- Self adhesive PVC films (monomeric, polymeric and cast PVC films)
- Tarpaulins
- Other PVC coated materials
- Coated textiles
- One way Vision

Compatible Printheads

- Epson* DX4
- Epson* DX5
- Epson* DX7
- Epson* DX10

Features

- Eco-Solvent Based Inks
- Almost No odor
- Bright, Vibrant Colors
- Excellent printing Reliability
- Good light fastness
- Reasonable Alcohol resistance
- Medium Rub and Scratch Resistance
- Shelf life 24 months

Available colors

- Cyan
- Magenta
- Yellow
- Black
- Light Cyan
- Light Magenta
- Flush Solution

Technical Data Sheet

Version. 4.01



Technical Specifications

Viscosity**	: 2-8 cP
Surface Tension	: 25-35 Dynes/cm
Flash Point	: >65°C

Standard Product Packaging

- 440 ml cc cartridge
- 600 ml cc cartridge, 600 ml cc bag
- 1 L bottle & 2 L bag

Shelf Life

24 months from the date of production, when stored according to the recommended storage conditions.

Ink Change over and Printhead Maintenance

Before change over, the printhead can be flushed using AT Inks “Eco-sol Flush Solution” for best results. Epson* printheads require careful maintenance and cleaning. We request you to consult us before cleaning. Failure to clean the printhead before changeover with the above flush may result in nozzle blockages. For best reliability and trouble free performance AT Inks “Cleaning Solution” should be used to clean the printheads. Contact us for ink change over procedure, if required.

Storage Conditions

Product should be stored in original packaging in a cool/dry place between 10°C and 35°C (50-95°F) and relative humidity of 30 – 60% (non-condensating), away from direct sunlight and heat sources. Prevent freezing of this product.

Shipping and Handling

All personnel handling these products must wear gloves and eye protection as per local laws. 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. Dispose containers and ink waste as per local and federal regulations. For additional safety data, please refer to SDS.

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**Viscosity at room temperature.

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All technical instructions about our products and their use, if spoken, written or through test trials are to the best of our knowledge. However, it should not be considered as an assurance for certain properties of products or their suitability for each application. It will be solely your responsibility for the selection and testing of the ink for specific applications.