

Technical Data Sheet

Version. 4.01



Cobalt™ (Solvent based Digital Ink)

Description

AT Inks, Cobalt™ Grade is an economical version of ink designed for optimum performance individually on specific printheads as defined by the user. AT Inks offers Cobalt Grade of inks that will work on a specific printhead and designs it and as well as test it on specific printheads before dispatch.

Benefits and Advantages

AT Inks, Cobalt™ Grade is economical and designed optimally for the printhead it is to work on.



Field of use

Separate formulations are available for separate printheads manufactured by several printhead manufactures such as Xaar*, FUJIFILM Dimatix* (Spectra), Konica Minolta* and Seiko*.

Substrates

With a receptive coating, images printed with AT Inks, Cobalt™ Grade can be transferred 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

AT Inks, Cobalt™ grade is assured to work on individual printheads only. Even though this formulation may work on other printhead, it is advised to use the ink for the specific printhead it has been designed for optimum results. Separate formulations are available for separate printheads manufactured by several printhead manufactures such as Xaar*, FUJIFILM Dimatix* (Spectra), Konica Minolta* and Seiko*.

Features

- Value for money Product
- Vibrant & Vivid colors
- Good scratch and smudge
- Compatibility with a wide variety of media
- Restricted Outdoor life

Available colors

- Cyan
- Magenta (Bluish and Reddish)
- Yellow (Lemon & Golden)
- Black
- Light Cyan
- Light Magenta
- Flush Solution
- Cleaning Solution

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Technical Specifications

Viscosity**	: 6-20 cP
Surface Tension	: 25-35 Dynes/cm
Flash Point	: >65°C

Standard Product Packaging

- 1L Bottle
- 5L Bottle

Shelf Life

12 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 “Flush Solution” for best results. AT Inks, strong flush can also be used with proper instruction. 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.

*Trademark of respective companies.

**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.