

Technical Data Sheet

Version. 4.01



Xaar

Description

AT Inks, Xaar series of inks are premium grade of Solvent inks designed for indoor and outdoor signage. The C, M, Y, K, LC and LM inks are compatible with most standard substrates available in the market with Superior color gamut and print film properties. The printing reliability and jetting performance of Xaar series is Comparable with OEM inks available in market.



Benefits and Advantages

AT Xaar inks are environmentally friendly with low odor, fast drying time, superior color gamut, excellent substrate wetting, light fastness, soap solution resistance, alcohol resistance and scratch resistance.

Substrates

AT Inks, Xaar series 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

- AT Xaar series inks are compatible with Xaar 128 80pl, 40pl 360 Dpi, Proton 382, and Electron 128 40pl

Features

- Almost No odor
- Bright, Vibrant Colors
- Excellent printing Reliability
- Good light fastness
- Reasonable Alcohol resistance
- Medium Rub and Scratch Resistance

Available colors

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

Technical Specifications

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

- 1 L bottle & 5 L bottle
- Other packaging size available

Standard Product Packaging

Shelf Life

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

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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.