

Technical Data Sheet

Version. 4.03



MR 100

Description

AT Inks, MR100 Range of Inks are inks designed specifically for Mimaki SWJ Series. Waveforms for these inks need to be procured from OEMs to ensure smooth and trouble free performance of these inks on your machines.

Benefits and Advantages

AT Inks MR 100 inks have been run and fine-tuned on the Mimaki SWJ 320 printer. When run with these printers the inks runs flawlessly at high speed and provide excellent color gamut and reliability. MR100 Ink can be used for Indoor and Outdoor printing and provide Bright, Vibrant and very high resolution images.



The shelf-life of these inks are up to 12 months which is a huge advantage compared to many other inks in the market.

Substrates

AT Inks, MR100 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

Features

- Mild-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 12 months

Available colors

- Cyan
- Magenta
- Yellow
- Black
- Flush Solution

Technical Specifications

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

Standard Product Packaging

- 2 L packet

Shelf Life

12 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.