

Max (Solvent based Digital Ink)

Description

AT Inks, Max Grade is the Darkest and Strongest Optical Density Solvent Based inkjet printing Ink in AT Ink portfolio that can be printed using multiple printheads. AT Inks, Max Grade offers the highest outdoor light fastness in any AT Ink product with excellent colour gamut. It is best suitable for graphics applications using PVC Flex and self adhesive vinyl substrates. AT Inks, Max series has a moderate pricing when compared to competitors in similar product segment.



Benefits and Advantages

AT Inks, Max Grade have very high colour gamut and has excellent jettability in comparison with competitive brands available in market. This series is a multi-platform ink and is compatible with a wide range of solvent ink print heads. With the right profiling AT Inks, Max Grade can give stupendous coverage.

Field of use

AT Inks, Max Grade was designed looking into the compatibility with most of the printheads manufactured by Fujifilm Dimatix (Spectra*), Konica Minolta*, Seiko*, Xaar*, Toshiba* and Ricoh* (Gen 4 & Gen 5) with small or larger droplet size.

Substrates

Images printed with AT Inks, Max 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
- Coated textiles
- Many PVC coated materials
- One way Vision

Compatible Printheads

AT Inks, Max Grade show excellent jetting performance and reliability on roll-to-roll printers. It can be used in most of the printheads manufactured by Fujifilm Dimatix* (Spectra), Konica Minolta*, Seiko*, Xaar*, Toshiba* and Ricoh* (Gen 4 & Gen 5)

Features

- Solvent based inks
- Excellent color gamut
- Excellent printing reliability
- Works with multiple printheads
- Low odor
- Highest outdoor life

Available colors

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

Technical Data Sheet

Version. 4.01



Technical Specifications

| | |
|-----------------|------------------|
| Viscosity** | : 6–20 cP |
| Surface Tension | : 25-35 Dynes/cm |
| Flash Point | : >70°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 changeover 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. In AT Inks, Max Grade we offer higher outdoor light fast Magenta on request also.

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.