

Quattro™ (Solvent based Digital Ink)

Description

AT Inks, Quattro™ Grade is a result of extensive Research and Development by the team. The market always wanted a single ink that will work on multiple printheads and we have found the right balance that is required to achieve the same. Quattro – stands for Four in Italian and we have made a single ink that will work on 4 major printhead manufacturer's products i.e. Xaar*, FUJIFILM Dimatix* (Spectra), Konica Minolta* and Seiko* (for dropsize greater than 30 pl). AT Inks, Quattro™ can be used in most of the printheads of these four printhead manufacturers without any major changes to the functional settings. Please contact us for specific enquiries with regards to the settings required in your printers while using our Quattro™ Grade Inks and we will give you a brief on how to use these inks in your particular printer with a compatible printhead.



Benefits and Advantages

AT Inks, Quattro™ Grade is a perfect solution for printers who have multiple machines in-house and want to work with only one ink. These inks are medium to low odor and are available in two versions i.e. Quattro™ and Quattro™ Platinum.

Field of use

AT Inks, Quattro™ Grade is especially designed looking into the compatibility with major four printhead namely Xaar*, FUJIFILM Dimatix* (Spectra), Konica Minolta* and Seiko* with droplet size larger than 30 pl.

Substrates

Images printed with AT Inks, Quattro™ 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, Quattro™ Grade can be used in most of the Xaar*, FUJIFILM Dimatix* (Spectra), Konica Minolta* and Seiko* printheads with droplet size larger than 30 pl such as Xaar* (Proton*, 1000 Series*), FUJIFILM Dimatix* (Spectra) (Nova*, Galaxy*, SL*, SM*, SE*, Polaris 35*, Sapphire*), Konica Minolta* (512 35/42*, 512i, 1024*), Seiko* SPT 35*.

Features

- Solvent based inks
- Bright, Vibrant colors
- Excellent printing reliability
- Works with multiple Printheads
- One ink for different Machines
- Multi-version to suit customer requirement

Quattro™

- Good light fastness
- Good color gamut

Quattro™ Platinum

- High light fastness
- Large color gamut

Available colors

- Cyan
- Magenta (Reddish and Bluish)
- Yellow (Golden and Lemon)
- 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 - 45 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 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.

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.

Disclaimer: The information provided in Technical Data Sheet (TDS) is based on AT Inks' internal laboratory testing data. Rex-Tone industries Ltd, AT Inks, their distributors and assigns shall not be liable to any loss or damage, including such loss or damage to any third party, caused by any use of the Products which is inappropriate or not in accordance with instruction for the storage and use of the products in this TDS or in a replacing or supplementary TDS issued by AT Inks. In any event AT Inks' liability is limited to a maximum of the price of the Product(s) or the cost of replacing such Products only. AT Inks is not, in any event, liable to any other loss or damage, including consequential damages.

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.