

MUTOH

Disperse Dye Sublimation Inks



High Speed Water Based Disperse Dye Inks for Transfer Paper Printing

Mutoh disperse dye inks (RJ80DS1-100-series) have been developed for printing on transfer paper & transfer to polyester fabrics & mixed fibre fabrics (minimum 80 % polyester) or to coated polyester objects. The inks can also be used for direct printing onto polyester fabrics.

After printing with this ink type onto transfer paper or polyester fabrics, a sublimation follow-up treatment (transfer) is required, through high pressure and temperature (calender), to fix the colours.

When printing directly onto polyester fabrics with this ink type and after sublimation, the fabric needs to be washed before use, to remove the brownish dispersant and to fully release the vibrant colours typical for sublimation inks.

Mutoh's High Speed Water-Based Disperse Dye inks come in 4 colours (CMYK) and are available in 1 liter bottles. They are 100 % VOC free and do not contain any hazardous components.



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> Indoor & Digital Transfer



Disperse Dye Sublimation Inks



The Mutoh Disperse Dye Inks have been specifically formulated for Mutoh's roll-to-roll dye sublimation printer range. These inks will offer bright and vibrant colours. Prints are durable & washable and moreover odourless. Available in 1 liter bottles, Mutoh Dye Sublimation inks are suited for a wide variety of applications, such as high-quality in-store textile decoration and displays, textile banners, pop-ups, sportswear, gadgets and many more.

Durability

Mutoh's Water Based Disperse Dye inks have been thoroughly tested for their durability.

| ISO STANDARD: | | EN ISO 105B02 | EN ISO 105C02 | EN ISO 105E04 |
|---------------|----------------|----------------|---------------|-----------------------|
| Colour | Part N° | Light Fastness | Wash Fastness | Perspiration Fastness |
| Yellow | RJ80DS1-100-YE | 6 - 7 | 4 - 5 | 4 - 5 |
| Magenta | RJ80DS1-100-MA | 6 - 7 | 4 - 5 | 5 |
| Cyan | RJ80DS1-100-CY | 5 - 6 | 4 - 5 | 4 - 5 |
| Black | RJ80DS1-100-BK | 6 | 4 - 5 | 4 - 5 |

- Light fastness : Evaluate the resistance of an output on polyester fabric towards the effect of sunlight. (rating 1-8, 8 = best)
- Colour fastness towards washing: Evaluate the colour fastness of an output on polyester fabric towards the effect of washing. (rating 1-5, 5 = best)
- Colour fastness towards perspiration: Evaluate the colour fastness of an output on polyester fabric towards the effect of perspiration. (rating 1-5, 5 = best)

Please note that textile products must have an authenticity or colour-authenticity, if they want to achieve their purpose. This authenticity cannot only be attributed to the ink, but applies for a certain colour/ink fixative in a certain textile. The kind of combination and the strength of the combination between the colour/ink and textile will guarantee the authenticity.

UV Resistance

3 – 6 months outdoor

Environmentally Responsible

Mutoh disperse dye inks are free from VOCs and hazardous components. There is no need for forced ventilation. These inks meet the latest REACH regulations.

Compatibility

- ValueJet 1624W
- ValueJet 1638W
- ValueJet 2638
- ValueJet 1628TD
- ValueJet 2628TD
- ValueJet 1304W
- ValueJet 1604W
- Viper 65/90
- Viper 65/90 Extreme
- Viper 100
- Viper TX 100

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