

DIAMONTEX PIGMENT INKS

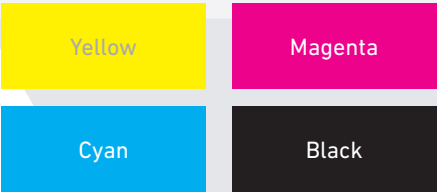
DIAMONTEX pigment inks are a universally applicable printing solution for a variety of textile fibres such as cotton, polyester, blends or special materials. For the Mutoh Value-Jet 1938TX, the water-based DIAMONTEX pigment inks are available in yellow, magenta, cyan and black. They combine a reliable printing performance with easy handling and

cleaning. The different available shades impress with their outstanding fastness to washing and rubbing on different kinds of substrates. The easy and short process is an additional decisive advantage of using pigment inks in digital textile printing.

BENEFITS

- ▶ One ink for different substrates (cellulosics, blends of cellulosics/polyester, polyester, polyamide, aramide and special materials such as glass fibres, artificial and genuine leather)
- ▶ Outstanding fastness to washing (even after washing 25 times at 60 °C)
- ▶ Excellent rub fastness, especially wet rubbing
- ▶ No priming on cellulosics required
- ▶ Additional priming possible to improve depth of shade, brilliancy and contour sharpness
- ▶ Available as FDA-compliant ink set
- ▶ Compliant with GOTS and STANDARD 100 by OEKO-TEX®
- ▶ Available as ink set which passes tests for in vitro cytotoxicity for biological evaluation of medical devices

AVAILABLE SHADES

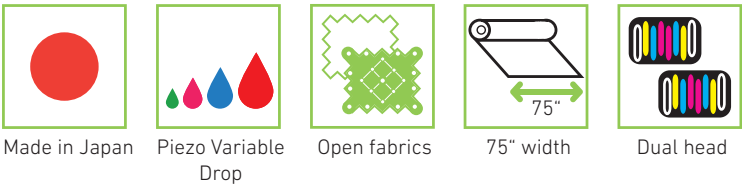


FASTNESS TO WASHING AFTER 5 TO 25 WASH CYCLES

Multiple washings of 100% cotton (raw material) printed with DIAMONTEX pigment inks at 60 °C.



MUTOH VALUEJET 1938TX DIRECT TEXTILE PRINTER



PRINTER HIGHLIGHTS

- ▶ Dual staggered head design
- ▶ Variable drop printing – wide range of droplets and three drop families (small droplets ideal for light fabrics)
- ▶ Larger droplets ideal for thicker fabrics requiring higher ink loads
- ▶ Head height up to 6 mm
- ▶ Typical high-quality production speeds up to 20 m²/h
- ▶ Newly engineered high-end fabric feeding, front and back tensioning and motorised take-up system for media weights up to 100 kg
- ▶ Integrated gutter system for open textiles

SPECIFICATIONS

- ▶ Print technology Drop-on-demand Micro Piezo Inkjet Technology
- ▶ Print heads 2 (staggered setup)
- ▶ Nozzle configuration 180 nozzles x 8 lines/head
- ▶ Drop mass range (pl) 3.3 to 45.3
- ▶ Head heights Low: 2.5 mm / middle: 3.5 mm / high: 6.0 mm
- ▶ Max. media width 1910 mm (75,19")
- ▶ Max. print width 1900 mm (74,80")
- ▶ Max. media thickness 1.3 / 2.3 / 3.5 mm (specified per head height)
- ▶ Fabric unwinding Supports both face-in and face-out rolled fabrics
- ▶ Fabric winding Face-in (tension only) / face-out (tension or slack)

For further information:

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