

## Printing recommendations for Jetprint® in inkjet printing systems

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Jetprint® is a coated printing substrate based on paper, nonwoven or polyolefin film, especially developed for inkjet printing. Jetprint® is sold in a variety of surface finishes, e.g. coloured or fluorescent coloured. Flame-retardant products that have passed the stringent French M1 flame test are also part of the range.

MDV's Jetprint® on Tyvek® is the widest range of large format printing substrates in the market of DuPont's™ high tear-resistant PE nonwoven. There is also a specially made M1 certified version available.

### Digital Printing

The large variety of inkjet printing systems makes it impossible to provide general processing recommendations. Good print results are mainly influenced by the correct combination of surface coating and ink system, depending on the application. To achieve good print results, please obey the technical specifications of the system, ensure its proper usage conditions, adhere to maintenance intervals and use original toners and inks.

MDV cannot confirm suitability for commercial desktop inkjet printers.

### Printing technologies

Jetprint® is suitable for continuous-drop systems and drop-on-demand printers (bubble-jet or piezo technologies). The preferred printing method is on industrial web inkjet printers (plotter reels, roll-to-roll). We have no experiential data on the printing of single sheets on desktop inkjet printers.

### Inks

MDV provides specially developed surface coatings suited to commercial ink systems on the market:

- Jetprint® Premium: suitable for water-based inks (dye or pigment inks); good printing results with latex inks
- Jetprint® Aquaskin®: water-resistant coating for outdoor use; can be printed on with water-based inks (dye or pigment inks)
- Jetprint® Ecosol: surface coating for solvent-based inks (ecosol, solvent) and for UV-inks; good printing results with latex inks
- Jetprint® on Tyvek® can always be printed on with UV-curing inks on the uncoated side

Jetprint® offers highly precise ink penetration into the surface layer to enable intense coloured images. No colour bleeding or strike through will occur.

### Storage and Handling

Storing and printing conditions should be approx. 55 - 60% relative humidity and 18 – 23°C temperature. Please avoid extreme variations. Sheets should be stored flat and in airtight packaging. The time required for acclimatisation of synthetic Jetprint® substrates is longer than for paper. Sheets in the middle of stacks require more time to reach print room conditions. Sheets should be brought to the print room at least 24 hours prior to use for acclimatisation.

Unpacked sheets should not be stored in direct sunlight for long periods. Naturally, mechanical damage to the product should be avoided. Under these conditions, Jetprint® may be stored without problems for up to two years.

### Technical Data Sheets

Technical data sheets containing additional information and parameters for successful processing can be provided upon request.

**Disclaimer**

All the above information is based on practical experience and is provided in good faith. No guarantee or warranty is given or implied by its use.

We recommend that the material is tested by the purchaser for his application prior to ordering. Contact and discussion with suitable ink manufacturers is also recommended.

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