



Solvent-based inkjet ink for PVC self-adhesive films and PVC tarpaulin materials

Good adhesion, fast drying and high fade resistance, suitable for long-term outdoor applications

Vers. 4
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Field of Application

Substrates

The Mara® Jet DI-JVP substrate range includes different qualities of PVC self-adhesive foils (monomeric, polymeric, and cast PVC films), coated tarpaulins and coated fabrics.

Since all the print substrates mentioned may be different in printability even within an individual type, preliminary trials are essential to determine the suitability for the intended use.

Field of use

Mara® Jet DI-JVP was specifically developed for Mimaki JV3 printers. Other printers employing EPSON DX4 print heads can be tested by a Marabu technician upon request.

Characteristics

Drying

The drying parameters of the machine during the use of DI-JVP colours and silver can be set as recommended below. Depending on media quality and type it could be required to adjust these parameters. Good printing results have been achieved with preheating the media to approx. 40°C and print heating of approx. 38°C. Drying temperature of approx. 50°C ensures that the print is fully dry before winding it back up. These temperatures may be adjusted individually according to printing speed, substrate and printer configuration.

Fade resistance

Pigments of high fade resistance have been used for Mara® Jet DI-JVP in order to ensure long-term outdoor suitability. On films of appropriate quality, a light fastness of 2 years is achieved with reference to the Central-European climate. For fleet marking appli-

cations, like advertisements on vehicles, an additional lamination or varnishing is to be carried out for increased mechanical protection and light fastness.

Range

Basic Shades

428	Yellow
434	Light Magenta
438	Magenta
455	Light Cyan
459	Cyan
489	Black

Auxiliaries

DI-UR 2 Cleaner

For cleaning print heads and printer parts Mara® Jet DI-UR 2 can be used for all components of the ink system (after longer machine stops). This cleaner has been chemically adjusted to the ink.

We recommend carrying out cleaning cycles at the beginning and the end of production, and cleaning the nozzle plate once a week

Shelf Life

Shelf life is 1 year for an unopened ink container if stored in a dark room at a temperature of 15-25°C. The ambient temperature may fall below this value only once for max. 2-3 days. Under different conditions, particularly other storage temperatures, the shelf life is reduced. In such cases, the warranty given by Marabu expires.

Change-over

Changing from Mimaki original SS2 ink, Roland original EcoSolMax ink, or Mara® Jet DI-

Mara® Jet DI-JVP



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JV to DI-JVP does not require preliminary cleaning of parts of the printer. Simply replace the cartridges and run some extra cleaning cycles.

In case of changing from a third-party supplier to Mara® Jet DI-JVP, it is our advice to run an additional cleaning cycle with the third-party cleaner before repeating this procedure with the cleaner DI-UR 2. It is highly recommended to exchange the dampers, and any other parts if necessary.

Note

Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application.

You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, they shall be limited to the value of the goods delivered by us and utilised by you with respect to any and all damages not caused intentionally or by gross negligence.

Recommendation

In order to ensure a smooth production workflow, please follow the guidelines issued by the manufacturer and Marabu. We recommend to replace the dampers and cappings once a year. Compliant with the printer's manual, a "Fill-up" should be carried out after longer print breaks.

Labelling

For Mara® Jet DI-JVP and its auxiliaries, there are current Material Safety Data Sheets available according to EC regulation 1907/2006, informing in detail about all relevant safety data including labelling according to the present EEC regulations as to health and safety labelling requirements. Such health and safety data may also be derived from the respective label.