



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

**Good adhesion, fast drying and high resistance against UV light, suitable for a long-term outdoor application**

Vers. 4  
2015  
07. Sep

## Field of Application

### Substrates

- Different qualities of self-adhesive PVC films (monomeric, polymeric and cast PVC films)
- tarpaulins
- other PVC coated materials
- coated textiles

Thanks to the high colour density even on textiles and flag materials brilliant prints can be achieved.

### Field of use

Mara® Jet DI-V was developed for printing machines employing Spectra Polaris / Spectra Nova, or similar print heads. Mara® Jet DI-V has shown excellent application characteristics and good printing properties.

### Advantages:

- Excellent light fastness, Yellow outstands OEM ink by far
- Very user-friendly
- Fast drying properties with a low tendency to block
- Brilliant colour shades with a very good colorimetric space

## Characteristics

### Drying

The original drying parameters of the machine can be maintained or adjusted to the respective substrate.

### Fade resistance

Pigments of high fade resistance have been used for Mara® Jet DI-V in order to ensure a long-term outdoor application. On foils of appropriate quality, a fade resistance of 2 years can be guaranteed. For fleet marking applica-

tions, such as advertisements on means of transport, an additional laminating or varnishing for a mechanical protection is to be carried out. By doing this, the light fastness can be increased to 3 years.

## Range

### Basic Shades

429	Yellow
435	Light Magenta
439	Magenta
455	Light Cyan
459	Cyan
489	Black

## Auxiliaries

DI-UR 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 2 years 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

Before changing to Mara® Jet DI-V it is necessary to clean thoroughly all machine components which have previously been in contact with ink by using the Mara® Jet DI-UR Cleaner. This goes especially for the print heads, the intermediate tanks, and the tubes as well. It is further recommended to replace the filters of the printing machine.

## 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.

### Labelling

For Mara® Jet DI-V 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.