



**Solvent-based InkJet Printing Ink for PVC self-adhesive foils and PVC tarpaulin materials**

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

Vers.02  
2010  
30<sup>th</sup> Apr

## Field of Application

### Substrates

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

### Field of use

MaraJet DI-LS Ink Jet Printing Ink is suitable for the wide format Roland machines SC, SJ, XC, XJ, SP, and VP.

Other digital printing machines using EPSON 10.000 printing heads can be tested with DI-LS at any time.

### Changing to MaraJet DI-LS

Changing from Roland Original Ink to MaraJet DI-LS Ink does not require cleaning any part in the ink system beforehand. It is only necessary to replace the cartridges, execute a few additional strong cleanings and start running.

In case of changing from a third-party supplier to MaraJet DI-LS, it is recommended to clean the ink system using the Marabu Cleaner DI-UR, and to exchange the dampers. Before change-over, check if any other parts may need to be replaced.

### Advantages/Information

For the change-over from the original ROLAND ink to MaraJet DI-LS:

- Optimally adapted ink characteristics (plug & play without new profiling) for simple change-over
- High scratch and chemical resistance
- Excellent price-performance ratio

- Choice between cartridge or bulk system
- DI-LS is combinable with OEM ink
- Light and low-odour solvents for a better atmospheric environment
- High colour density and very good colour gamut, especially reds and greens
- Excellent fade-resistance for long-term outdoor application
- Optimized dot definition, low dot gain
- Adapted drying time with good nozzle opening

## Characteristics

### Light Fastness

Pigments of high fade resistance have been used for MaraJet DI-LS in order to ensure long-term outdoor suitability. On foils of appropriate quality, a light fastness of **2 years** is guaranteed with reference to the central-European climate.

For fleet marking applications, such as advertisements on vehicles, an additional lamination or varnishing is to be carried out for mechanical protection. In this case, the light fastness can be increased to **3 years**.

### Drying

The original drying parameters of the machine can be maintained or adjusted according to the media quality and type. Good printing results were established when preheating the media to approximately 40-45° C and print heating of approximately 38° C.

# Marajet DI-LS



## Range

### Basic Inks

Marajet DI-LS 429	Yellow
Marajet DI-LS 434	Light-Magenta
Marajet DI-LS 438	Magenta
Marajet DI-LS 455	Light-Cyan
Marajet DI-LS 459	Cyan
Marajet DI-LS 489	Black

### Cleaner

Marajet DI-UR Cleaner

For cleaning print heads and printer parts Marajet DI-UR can be used for all components of the ink system (after longer machine stops). This cleaner has been chemically adjusted to the printing ink and dissolves it optimally.

## Shelf life

The ink's shelf life in original cans is approx. 12 months. The properly closed cans have to be stored at approx. 15-30° C. Before use, the Marajet DI-LS will be stored best under room temperature conditions.

## Labelling

For the Marajet DI-LS Printing Ink and the Marajet DI-UR Cleaner Material Safety Data Sheets 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 are current. Such health and safety data may also be derived from the respective label.

## Note

Please refer to the information in our technical data sheets.

Preliminary trials are recommended in order to check the ink, resp. the compatibility of the substrates.

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 application 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.