



**Water-based sublimation ink for transfer printing, designed for Epson piezo print heads DX6 & DX7**

**Brilliant colours, fast drying, excellent dot definition, APEO-free, meets the dyestuff related requirements of the Oeko-Tex® Standard 100**

Vers. 3  
2015  
12. Oct

## Field of Application

Texa® Jet DX-STE is suited to print images on sublimation papers which are then transferred onto substrates such as polyester and polyamide (nylon), or blended fabrics containing at least 60% polyester. It is also suitable for sublimating onto polyester-coated substrates like e.g. metals, ceramics and plastics.

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

Texa® Jet DX-STE is designed for transfer printing and is suited for common Wide-Format printers, especially models with EPSON DX6/DX7 piezo print head technology. Due to licensing reasons Texa® Jet DX-STE can only be used on printers with min. 40 inch (101,6 cm).

### Applications

- Soft Signage
- Flags & banners
- Sportswear
- Fine art prints
- Promotion articles
- Ski, snowboards

## Characteristics

Fastness according to EN ISO standard

Characteristics	429	439	459	488
Light fastness ISO 105B02	6/7	6/7	5/6	5/6
Wash fastness ISO 105C02	4/5	4/5	4/5	4/5
Perspiration fastn. ISO 105E04	4/5	5	4/5	4/5

## Range

### Basic Shades

429	Yellow
439	Magenta
459	Cyan
488	Black

## Auxiliaries

DX-UR	Cleaner
DX-URS	Cleaner

The cleaner Texa® Jet DX-UR is available for the cleaning of the printing machine.

In order to avoid the capping stations of Super-Wide printers to start foaming, DX-URS can either be dripped onto the capping station before production start, or (if it is an open cartridge system) it can be filled directly into the cleaning cartridge (mixing ratio 50:50 with cleaner DX-UR).

## Printing Parameters

### Transfer parameters and thermofixing

The transfer and fixing properties may vary depending upon the physical and chemical characteristics of the substrate. Transfer times of 30-60 seconds at 180°-210°C have proven to be appropriate. Hand presses or calenders can be used for thermofixing.

Best printing conditions are given at an ambient temperature of 20 – 25°C and up to 60% relative air humidity.

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## Shelf Life

Texa® Jet DX-STE is a water-based ink system and in order to avoid frost damages, it should under no circumstances (not even shortly) be exposed to temperatures lower than 5 °C during transport and storage.

If permanently stored at a temperature range of 15–25 °C, the shelf life of the unopened ink container is 1 year. Under different conditions, particularly differing storage temperatures, the shelf life is reduced. In such cases, the warranty given by Marabu expires.

## 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.

### Labelling

For Texa® Jet DX-STE 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.

Water-based products typically contain isothiazolinone biocides, including methyl isothiazolinone, as in-can preservatives. Such biocides may cause allergic skin reactions in already sensitised individuals.