

Resin based pigmented inkjet ink for textile transfer in combination with Plastisol and PU-based screen printing inks

Texa®Jet DX-DTE meets the related requirements of the Oeko-Tex® Standard 100 and is Eco Passport certified

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Field of Application

Substrates

The Texa®Jet DX-DTE substrate range includes suitable release coated transfer foils. Perfect results can only be achieved by using the Marabu Textile Release Film.

The Texa®Jet DX-DTE is compatible to existing Plastisol and PU-based screen printing inks for textile transfer. Patches need to be transferred with process parameters, recommended by the manufacturer of the screen printing ink and powder glue.

Since screen printing inks show differences in terms of printability or physical/chemical compatibility to Texa®Jet DX-DTE, preliminary trials are essential to determine the suitability for the intended use.

Field of use

Texa®Jet DX-DTE is developed for Cold-Peel-Transfer applications and suitable for the Mutoh ValueJet 628 printer.

This Package ensures an accurate and stable production.

Characteristics

Washing fastness and the ability to stretch is related to the combined white ink and glue. Even a washing resistance of up to 60°C is achievable with matching combinations. This only applies under the use of the Marabu Textile Release Film.

Fade resistance

Pigments of high fade resistance have been used for Texa®Jet DX-DTE in order to ensure long-term resistance.

Range

Basic Shades

428	Black
428	Yellow
438	Magenta
459	Cyan

Auxiliaries

Texa®Jet DX-MCL is recommended for cleaning print heads and other ink-carrying components. It should be used if any parts need to be soaked for awhile. This cleaner has been chemically adjusted to the ink.

Printing Parameters

The original drying parameters of the machine are adjustable in the software settings according to the media and thickness of the ink layer. Good printing results have are achievable by heating the media to approx. 45°C in the printing area. Drying temperature of approx. 50°C ensure that the print is dried before the sheet is going to be cut. With increasing speeds, it is recommended to check if the prints are dry enough for sheet off. In case the prints are not dry enough we recommend to set a dwell time on the heater in the software.

Shelf Life

Texa®Jet DX-DTE is a pigmented resin ink system and in order to avoid frost damages, it should under no circumstances be exposed to temperatures lower than 5°C. The shelf life of the unopened ink container is 12 months, if stored and transported at a temperature range of 5 – 35 °C. Under different conditions, particularly other storage temperatures, shelf life will be 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 foregoing information is based on our experience and should not be used for specification purposes.

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-DTE 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.