

FOIL TRANSFERS

Foil Transfers comprise a screen printable adhesive plus heat transfer foils, for the production of mirror finish metallic prints onto cotton and many synthetic fabrics.

Foil Transfers – Printing Information

Two options are available for the production of foil transfers, these are as follows :

Overview

Products Required

Metatran Transfer Foils

Standard Packing

KFT23	Gold
KFT24	Silver
KFT26	Metallic Red
KFT27	Metallic Blue
KFT28	Metallic Green
KFT32	Bronze
KFT33	Copper
KFT34	Metallic Fuchsia

Rolls 750mm x 100m.

Metatran Adhesive

FT421 Metatran Adhesive

Available in 5 ltr containers.

Reducer

ZE591 Flow Thinner

Available in 5 and 1 ltr containers.

Fastness/Resistance

Wash	Up 40°C.
Dry Clean	Not Suitable.
Direct Iron	Not Suitable.
Industrial	Not Suitable.

Transfer Equipment

Flat Bed Transfer Press

Method 2 : Two Step Transfer Process

Print Metatran Adhesive image onto siliconised transfer paper, then transfer onto the garment. Allow to cool, then transfer Metatran foil onto the adhesive.

Thinning	If required, up to 5% ZE591.
Mesh	34 – 62.
Drying	Heat Set 110-120°C for 20-30 seconds
Paper	TRW28, TRB08 siliconised transfer paper.

Transfer Schedule

170-180°C for 7-10 seconds

Allow adhesive transfer and foil transfer to cool before removing carrier.

Method 1: Hybrid Transfer System

(Print image using Metatran Adhesive directly onto the fabric, set and then apply Metatran foil to adhesive image using a transfer press).

Mesh	34-62.
Thinning	If required, up to 5% ZE591.
Drying	Heat Set 120-140°C for 1-2 minutes.

Transfer Schedule

170-180°C for 7-10 seconds.

(Allow the transfer to cool before removing the foil).

Fujifilm Sericol UK Limited

- Has certification to the International Environmental Standard, ISO 14001.
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research & development team, work to an in house Health, Safety and Environmental policy, termed 'Design for Health, Safety and Environment', with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

Safety and Handling

MultiTran XM, Nylotex NX, Taxiscreen Aqua AJ screen Inks, Metatran Adhesive and Subliscreen HQ Dye Concentrates & Extender Base:

- are formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC (as amended).
- For optimum shelf-life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product.

Multitran XM, Nylotex NX and Taxiscreen AJ:

- are formulated free from lead and other heavy metals and are tested to comply to the EN71-3: 1995 Toy Safety Standard.

Nylobag NB, Metatran Adhesive, Subliscreen HQ Dye Concentrates and Extender base:

- are not routinely tested, but are formulated to comply with the EN71-3 1995 Toy Safety Standard.

MultiTran XM, Nylotex NX, Taxiscreen Aqua AJ screen inks, Metatran Adhesive and Subliscreen HQ Dye Concentrates & Extender Base:

- have a flashpoint greater than 55°C and are therefore not classified as a "dangerous substance" under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR).

Taxiscreen Aqua AJ

- **do not use AJ333 Cold Cure Catalyst in AJ Metallic Colours as this can lead to an exothermic reaction, which could cause the container to explode.**
- **MP477 and MP478 Bright Metallic Gold and Silver Powders should not be poured, as this can give rise to electrostatic discharges. These powders should be ladled when transferring from one container to another.**

Comprehensive information on the safety and handling of MultiTran XM, Nylotex NX & Nylobag NB, Taxiscreen Aqua AJ screen inks, Metatran Adhesive and Subliscreen HQ Dye Concentrates & Extender Base are given in the appropriate Sericol Safety Data Sheets.

Due to the complex nature of decorating garments with transfers, customers must confirm suitability through pre-production testing.

Environmental Information

MultiTran XM, Nylotex NX & Nylobag NB, Taxiscreen Aqua AJ Inks and Metatran Foils and Adhesive:

- do not contain ozone depleting chemicals as described in the Montreal Convention.

MultiTran XM, Taxiscreen Aqua AJ inks and Subliscreen HQ381 Extender Base:

- are formulated free from aromatic hydrocarbons which are known to have an adverse effect on the environment.
- are free of any volatile solvent and are therefore beneficial to the environment when compared to solvent-based products.

The information and recommendations contained in this Product Information Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.



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