## **Product Information**



# **Texopaque Hot Peel Transfer System**

Texopaque Classic OP and Advantage ON are plastisol inks that can be used for direct printing, or as part of a Hot Peel transfer system as detailed below.

These inks can be selected depending on the requirement to comply to legislation on phthalate content.

Texopaque Advantage ON inks are formulated to be compliant<sup>(1)</sup>.

## **Hot Peel Method**

Use Texopaque Classic OP or Texopaque Advantage ON ink as appropriate with a 3-5 % addition of ON417 Special Expanding Base.

Mesh Count 21-62 (or up to 120 if a back-up white or adhesive is used).

**Drying Heat** set on paper until touch dry.

Typically 110-120° C for 15-30 seconds dependent on the heat source.

**Thinning** If required, up to 5% ZE591Plastisol Flow Thinner, or ON591 Advantage Flow Thinner where Phthalate compliant required.

Recommended paper TRH01 transfer paper.

#### **Recommended Transfer Schedule**

185-190° C, 10-15 seconds, high pressure, When using an adhesive, 160-180° C is recommended

#### IMPORTANT: PEEL PAPER WHILE TRANSFER IS HOT.

Note: when producing Advantage ON Phthalate compliant transfers, ensure the correct adhesive and thinner is selected to maintain phthalate compliance.

## **Adhesive**

XM452 Adhesive can be used to overprint Texopaque Classic OP Colours. TJ451 and TJ452 adhesives can be used to over print Texopaque Advantage ON colours to give better adhesion to synthetic substrates, or to reduce the transfer temperature to 160-180 ° C

Maximum adhesion onto synthetic garments can be achieved using the XM378 Transfer Adhesive Powder. To use this process, print the plastisol ink as recommended, sprinkle the back of the wet ink with the adhesive powder prior to setting. Vacuum/shake to remove excess.

Due to the variable nature of synthetic coatings, prints should be fully tested for suitability before commencing production.

## **Recommended Transfer Equipment**

Flat-bed Transfer Press

It is important to avoid over cure, especially with multicolour transfers, as adhesion and transfer properties can be affected.

#### **Paper**

The Hot Peel system will only work with TRH01 Hot Peel Paper. For other types of transfers please select the appropriate paper.

## **Colour Range**

Classic OP				
OP001		Black		
OP021		White		
OP025		Super Opaque White		
OP042	(S)	Seritone Yellow (Green Shade)/Mid Chrom		
OP043	(S)	Seritone Yellow (Red Shade)/Mid Chrome		
OP045		Yellow		
OP101		Light Orange		
OP162	(S)	Seritone Orange/Light Red		
OP165	(S)	Seritone Magenta		
OP166	(S)	Seritone Violet		
OP199		Warm Red		
OP134	(S)	Seritone Red (Yellow Shade)/Red		
OP124	(S)	Seritone Red (Blue Shade)/Deep Red		
OP227		Light Blue		
OP212		Blue		
OP207		Navy Blue		
OP203	(S)	Seritone Blue /Mid Blue		
OP206	(S)	Seritone Blue (RS) /Deep Blue		
OP283		Bright Green		
OP285	(S)	Seritone Green /Deep Green		
OP320		Green		
OP381		Extender Base		
Available	in both 1lt	r & 5ltr containers		

#### Advantage ON - Phthalate compliant (1)

ON001

0.100.		Diack
ON021		White
ON042	(S)	Seritone Yellow (Green Shade)/Light Chrome
ON043	(S)	Seritone Yellow (Red Shade)/Mid Chrome
ON162	(S)	Seritone Yellow Orange/Light Red
ON165	(S)	Seritone Magenta
ON166	(S)	Seritone Violet
ON134	(S)	Seritone Red (Yellow Shade)/Red
ON124	(S)	Seritone Red (Blue Shade)/Deep Red
ON203	(S)	Seritone Blue/Mid Blue
ON206	(S)	Seritone Blue (Red Shade)/Deep Blue
ON210		Ultra Blue
ON285	(S)	Seritone Green/Deep Green
ON077		Fluorescent Yellow
ON119		Fluorescent Orange
ON179		Fluorescent Red
ON180		Fluorescent Magenta
ON294		Fluorescent Green
ON417		Special Expanding Base
ON381		Extender Base

Available in 5ltr containers

(S) = Seritone Base Colour

## **Back Up Adhesives**

XM452 Clear Adhesive

TJ451 White Adhesive - Phthalate Compliant<sup>(1)</sup>
TJ452 Clear adhesive - Phthalate Compliant<sup>(1)</sup>

Available in 5ltr containers

XM378 Transfer Adhesive Powder - Phthalate Compliant<sup>(1)</sup> Available in 5 kg containers

#### **Thinner**

ZE591 Plastisol Flow Thinner
ON591 Texopaque Advantage Thinner - Phthalate Compliant<sup>(1)</sup>
Available in 5 litre containers

#### Fastness/Resistance

Wash Up to 60°C.

Dry Clean Not suitable.

Direct Iron Not suitable.

Industrial Wash Not suitable.

For information on other Transfer Systems, see the Product Information Sheet for the relevant type of textile transfer.

## **Fujifilm Speciality Ink Systems 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

The Texopaque Hot Peel Transfer System:

- is formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC\*.
  - \*With the exception of ZE591 Plastisol Flow Thinner.

#### **Environmental Information**

The Texopaque Hot Peel Transfer System:

- does not contain ozone depleting chemicals as described in the Montreal Convention.
- · is formulated free from aromatic hydrocarbons.
- is free of any volatile solvent and can therefore be considered to have less impact on the environment, when compared with solvent-based products.

(1) Phthalate Compliant means that the products listed in this Product Information Sheet are formulated not to contain the Phthalates restricted for use by Council Directive 76/769/EEC (as amended).

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of Fujifilm Speciality Ink Systems Limited and its associated companies, 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.



Local Distributor:

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