



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.

Texopaque Classic OP inks are formulated on PVC resin and phthalate plasticisers.

Texopaque Advantage ON inks are formulated on PVC resin and phthalate free plasticisers.

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

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 30-60 seconds dependent on the heat source.

Thinning If required, up to 5% ZE591Plastisol Flow Thinner or ON591 Advantage Flow Thinner.

Recommended paper TRH01 transfer paper.

Recommended Transfer Schedule

185-190° C, 10-15 seconds, high pressure,
When using an adhesive, 160-170° C is recommended

IMPORTANT: PEEL PAPER WHILE TRANSFER IS HOT.

Note: when producing Advantage ON phthalate free transfers, ensure the correct adhesive and thinner is selected to avoid phthalate contamination.

XM451 and XM452 adhesives can be used to overprint Texopaque 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 as low as 160 ° C

Recommended Mesh 21-55

Recommended Transfer Schedule 160-170 ° C for 10-15 seconds.

Maximum adhesion onto synthetic garments can be achieved using the XM378 Phthalate Free 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.

Transfer schedule would then be as recommended for printable adhesives.

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

Rotary Presses

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. For details of these, please go to:
www.sericol.co.uk/productsatSericol/products.htm

Colour Range

Classic OP - PVC and Phthalate Containing

OP001		Black
OP021		White
OP042	(S)	Seritone Yellow (Green Shade)/Mid Chrome
OP043	(S)	Seritone Yellow (Red Shade)/Mid Chrome
OP162	(S)	Seritone Orange/Light Red
OP165	(S)	Seritone Magenta
OP166	(S)	Seritone Violet
OP134	(S)	Seritone Red (Yellow Shade)/Red
OP124	(S)	Seritone Red (Blue Shade)/Deep Red
OP203	(S)	Seritone Blue /Mid Blue
OP206	(S)	Seritone Blue (RS) /Deep Blue
OP285	(S)	Seritone Green /Deep Green

Available in both 1ltr & 5ltr containers

Advantage ON - PVC containing Phthalate free

ON001		Black
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
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

Available in 5ltr containers

(S) = Seritone Base Colour

Back Up Adhesives

XM451 Phthalate containing - White adhesive

XM452 Phthalate containing - Clear adhesive

TJ451 Phthalate free - White adhesive

TJ452 Phthalate free - Clear adhesive

Available in 5ltr containers

XM378 Phthalate free Transfer adhesive powder

Available in 1 kg containers

Thinner

ZE591 Plastisol Flow Thinner (phthalate containing)

Available in 5 and 1 litre containers.

ON591 Texopaque Advantage Thinner (phthalate free)

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 Sericol Transfer Systems, See Product Information Sheet Textile Transfer systems available at www.sericol.uk/productsatSericol/products.htm

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

- are 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

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