

What is Sublimation?

Sublimation printing is the application of sublimation inks onto a surface using a heat transfer. The process allows the ink to format from a solid to a gaseous state enabling penetration of the polymer surface, creating a full colour image.

TheMagicTouch. introduces the latest in sublimation printing to compliment the existing range of transfer technologies currently available.

TheMagicTouch have linked with the world leaders and patent owners in sublimation ink, Sawgrass Technologies, and offer the range of ArTainium®UV+ and SubliJet R sublimation inks.

Sublimation printing has been available for over 20 years, but the recent arrival of new printers and bulk ink management systems makes it affordable and viable.

The process involves using special sublimation inks and paper with a traditional inkjet printer. The printed image can then be transferred onto a selection of items using traditional heat press equipment. However, please note that all substrates and surfaces MUST have a polymer base or coating for the inks fuse properly.

The "Easy Flow" pre-filled bulk ArTainium UV+ sublimation ink system has been specifically developed for sublimation and comes complete with ICC colour profiles for accurate colour management. This ensures continuous and reliable production of transfers with reduced print cost per copy over traditional cartridges.

TheMagicTouch offer the total solution to all image transfer and dye sublimation applications.

Application Products

Please note all items for printing with sublimation have been either polyester coated or indeed contain high polyester content.

Please note: Sublimation is not compatible with 100% cotton garments or fabrics. For best results on garments and fabrics use TheMagicTouch laser based transfer papers with colour laser printer or copier



**A4 Epson T30
with bulk ink system**



**A3 Epson 1410
with bulk ink system**



A3 Ricoh Gx7000



SubliJet R



**TextPrint
Sublimation paper**

Sublimation - What do you need?

PRINTER

The sublimation transfer process only works with selected inkjet printers that use a piezo-print-head technology. Over the years this has been exclusive to specific Epson printers, however the recent arrival of the new Ricoh GX7000 printer allows some choice and options for improved production capabilities.

PAPER

Sublimation paper is designed to absorb as much ink as possible to ensure strong and vivid colours. Using regular plain or inkjet paper will not work with this process. The papers are available in various standard sizes.

INK

TheMagicTouch supply original ArTainium UV+ sublimation inks from Sawgrass Technologies which are used, tried and tested by thousands of user's worldwide, delivering reliable and cost effective printing.

Sublimation inks are unlike regular inks as they are dyes rather than inks.

Colour profiles are also available to ensure consistent colour management. Inks can be supplied in bulk ink format for the traditional Epson printers and in cartridge format using the new generation SubliJet R Ink solution for the Ricoh model.

HEAT PRESS

To ensure safe and consistent production of sublimation items we recommend using professional and reliable equipment. The presses need to attain and maintain constant 190-200°C temperature with adjustable pressure settings. We recommend & sell the INSTA range of flat & cap presses. Other available presses are for mug production.

All presses supplied come with manufactures warranty with certified CE approval.

BLANK PRODUCT

TheMagicTouch offer a range of blank printable products. Whilst the process is possible on many items we suggest that being focused on items that are easy to market and profitable ensures good steady business growth and strong repeat orders. All printables need either a polyester coating on hard surfaces such as metal, tiles, coasters etc or at least 60% polyester fibre content with fabrics such as T-shirts, polo's, mousepads etc.

SOFTWARE

Design and graphic software packages such as Corel Draw and Adobe Photoshop that support ICC colour profiles are perfect for sublimation and are widely available.

TRAINING & SUPPORT

TheMagicTouch offers training in many aspects of the image transfer business, these are held at our training facility in Sydney. Offsite training is available & can be quoted on request.



Ricoh Gx7000 & SubliJet-R Ink.

TheMagicTouch in association with Sawgrass Technologies introduce a new and innovative way to produce sublimation ink transfers.

Introducing new SubliJet-R high viscosity sublimation ink cartridges exclusively with the Ricoh GX7000 printer offers choice and options with vastly improved print speed, energy efficiency, vibrant colours, combined with consistency and reliability as never seen before.

Mug Printing Demo

