

DO DTF PRINTS REQUIRE 'WEEDING'?

No, DTF prints do not require 'weeding' or the design contour cutting. The printed PET film design simply has powder applied to the surface, the powder is then cured and the print can be heat transferred to a garment. The printed design adheres to the garment via the cured adhesive powder. The PET film simply peels off to leave the printed design with no outline.

WHAT IS THE PRESS TIME AND HEAT SETTING?

- Polyester: 160°C for maximum of 10 seconds
- Cotton: 150°C for 20-30 seconds

WHAT HAPPENS WHEN MY PRINTER IS DISPATCHED?

InkTec will arrange a day to deliver, install and train you on the printer. This is included in the price.

WHAT'S THE WARRANTY PERIOD?

1-year gold warranty.

DO I NEED TO ADHERE TO ANY SAFETY MEASURES WHILST PRINTING?

We advise you to conduct a risk assessment for the operation of the machine. InkTec advise wearing a facemask as good practice when pouring in powder and that extraction and ventilation is required when operating the shaker.

Please refer to the MSDS sheet for further information.

Care should also be taken when using the oven/heat press. Refer to the appliance's product manuals for full safety advice.

WHAT OTHER THINGS SHOULD I BE AWARE OF TO BE ABLE TO USE DTF PRINTING AND PRODUCTION?

It is important to make sure the laptop/PC has a current Windows operating system.

It is also good for users to have a good level of design software experience such as Adobe Illustrator or Photoshop etc.

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WHAT'S THE LEAD TIME ON THE PRODUCTS?

Printer bundle delivery 2/3 weeks from order placed. DTF consumables are available on a next day delivery when ordered before 1:00pm.

HOW LONG DOES IT TAKE TO SETUP THE PRINTER, SHAKER AND PURIFIER?

One day to install and one day to train if going into a commercial premises. Domestic premises will need its own process agreed by the business.

HOW EASY IS IT TO CLEAN THE EQUIPMENT?

Very easy. Full maintenance instructions are provided.

THE DTF PROCESS IN 6 EASY STEPS:



1. Design

Create your design using your preferred choice of design software i.e., Photoshop, Illustrator etc.



2. RIP

If printing white on top of colour you will need to use a RIP process.



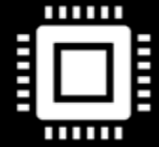
3. Print

Print your design onto your choice of coated DTF film.



4. Apply

Apply powder adhesive evenly onto printed film. If using manually, shake off excess or if using a powder shaker follow unit instructions.



5. Bake

Melt the adhesive onto the film using a heat press, oven or heated shaker unit. Ensure even heat throughout at a temperature of 160C.



6. Press

Press your design onto a substrate. Ideally using a heat press or equivalent. Applicable on cotton, polyester, leather, cardboard and other flat, rough and rigid materials.

InkTec



**TOTAL DTF
SOLUTIONS
FROM INKTEC**

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START YOUR DTF JOURNEY WITH INKTEC

Achieve a premium-quality finish on fabrics and other substrates with DTF (Direct to Film) printing.

DTF involves printing a full colour design including white, directly onto a DTF film.

A powder adhesive is then applied to the film before its heat cured - creating a ready-to-press transfer. This can then be applied to another surface such as cotton, leather, nylon or cardboard.

The possibilities are endless!



GETTING STARTED WITH DTF PRINTING

InkTec's complete DTF offering provides everything you need to get started with this new technology, including:

- **DTF Printer** – 60cm or 30cm printer with auto-feeding, front and back independent heating, auto ink supply, white ink circulation and stirring.
- **DTF Powder Oven/Shaker with Air Purifier** – compact unit with auto powder-recycling device, automatic correction and 3 heating zones with air purifier to absorb and filter powder dust.
- **DTF Inks in CMYK plus White** – delivering vivid colours, even when used with delicate graphics, creating a flexible soft printed, stretchy image.
- **DTF Film** – the perfect warm peel heat transfer film, ideal for transferring graphics onto various media including synthetic fabrics, cotton, linen, eco leather and more.
- **Hot-Melt Adhesive Powder** – premium DTF powder in either black or white.

DTF printing is suitable for almost any fabric material including cotton. Any colour can also be printed with DTF including black and dark coloured fabrics. Also required will be a laptop (specification available) and a Heat Press, which are readily available separately, from multiple sources.



FREQUENTLY ASKED QUESTIONS

WHAT FORMAT DO THE IMAGES NEED TO BE?

SAI RIP Software will convert any image files to a printable format.

WHAT SIZE FILM CAN I PRINT ON?

We offer two sizes – 30cm x 100m and 60cm x 100m.

WHAT SOFTWARE IS REQUIRED?

SAI RIP and Print EXP software comes as standard. Adobe Photoshop, CoralDRAW (or equivalent) to create your images.

IS THE FILM RECYCLABLE?

It's PET-based, so it is fully recyclable.

HOW IS DTF HOT-MELT ADHESIVE POWDER APPLIED?

PET film powder (polyurethane resin) or adhesion powder is applied after the print is completed by the printer. The ink is still wet after application to the PET film media. PET film powder adheres to any areas where ink is applied. Unprinted areas will not attract the powder and can be shaken off. PET film powder can be applied by hand (typically with desktop printers) or via a powder shaker machine (typically with a wide format/OEM machine).

HOW IS HOT-MELT ADHESIVE FILM POWDER CURED?

The powder is cured and melted using a heat source. The method for doing this differs depending on your printer setup. Desktop printers generally require manual curing of the powder. This can be achieved using a DTF curing oven, a heat gun or under a heat press. Wide format printer setups often have a curing oven inbuilt to allow the powdered film to be cured in an automated fashion.

DO I NEED TO DO A THOROUGH CLEAN IF I'M SWITCHING TO A DIFFERENT HOT-MELT POWDER?

No. You don't need to clean it when swapping powder as long as all other powder has been used/melted.