

WASHABILITY INFORMATION

DTG WATER BASED PIGMENT INKS

The majority of textile inkjet printers use water-based pigment inks with a similar composition to the DTG-branded inks. These are designed to work with 100% cotton, although (55%) cotton-rich polyester/cotton mixes can also be printed to successfully.

To obtain the best colour fastness and durability from printed designs we recommend the following:

- Always carry out pre-production testing to verify suitability of the material and processes to be used.
- If white ink is to be used, we recommend a hot press at 170°C for 20-30 seconds after application of the pre-treat fluid.
- We recommend curing / drying your print at 170 °C for 120 seconds, although textiles of differing thicknesses may require a different temperature and cure time
- For maximum durability we recommend a cool, delicate wash, with the garment washed inside out.
- Iron the garment inside out to prevent unnecessary rubbing against the print.
- We do not recommend the use of a tumble dryer for normal care, irrespective of the garment care instructions.

All DTG inks are batch-tested for quality against accepted industry standards at source. Colour fastness and durability of garments printed using textile inks are affected by many parameters including, but not limited to:

- pre-treatment fluid and application procedure
- substrate quality and finish
- curing / drying procedure
- detergent and wash / dry / press procedure adopted

A variation of any of the above parameters is likely to cause a change in the durability of the textile ink so it is important to establish a production process that works for the particular garment, and adhere to it.

Most of the answers to questions can also be found in the manual supplied on CD with your printer. Please take the time to read and familiarise yourself with the contents of the manual. There is a fault-finding section at the back of the manual which may also answer any questions you may have.

Potentially a lot of these questions will not arise if you are following the care routine for your printer – the daily, weekly and monthly care routines are on a useful sticker on the side of your printer. Please be sure to follow these care instructions – good and thorough preventative maintenance should give you smooth trouble-free printing.