

Direct Color Systems®

IRF6 DTG Wash Results

DTG (Direct to Garment) / DTS (Direct to Substrate) Printing with UV LED Inks is Now Available in One Printer



0 Wash 100% Poly



5 Wash 100% Poly



10 Wash 100% Polyester



20 Wash 100% Polyester

Print Mode:

F6 – Black Shirt V1

Testing Process:

Load garment onto heat press that is set to 250 degrees F (121 degrees C). Spray garment with water until completely saturated. Lower the heat press lightly (without clamping it down). Lift heat press after 5 seconds. Load garment onto the platen and then print. Printed shirts are pressed at 250 degrees F (121 degrees C) for 30 seconds and were then sent through heat tunnel at 800 degrees F (427 degrees C) for 1 minute. The heat tunnel used was Black Body Conveyor Dryer – Model: AIR-2408.

Notes:

Garment is printed with IR46 ink and compatible Direct Jet F6 Edition UV LED printer.
DCS recommends hovering heat press or using a heat tunnel, post print, to ensure all UV monomers are cured.



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Print Mode:

Testing Process:

Notes:

Light Shirt Quality // Light Shirt Fast

Print, Heat Press, Wash and Dry Cycles

Garment is printed with IRF6 ink and compatible Direct Jet F6 Edition UV LED printer. Garment is then heat pressed for 2 minutes at 300 degrees Fahrenheit (149 degrees Celsius). IRF6 UV inks are unique in that they are flexible enough to use for DTG/T-Shirt printing and cure with both an LED light and/or heat. DCS recommends heat pressing printed shirts to ensure all UV monomers are cured.

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