












UPLC1073 G2 SPORT LC LB
POLAR WHITE

UPLC1073 LC LB Polar White is a high opacity, soft, creamy low bleed and low cure white ink that delivers superior printability over a range of garments. UPLC1073 LC LB Polar White has the opacity and brightness to perform admirably in vector stand-alone white graphics but also the ability to hold detail for fine mesh halftone graphics.




Highlights

-  Premium soft hand, drape and fiber-matte down
-  Excellent bleed resistance on poly-blends
-  Low cure, save energy, reduce bleed defects
-  High opacity, superior coverage, brilliant white

Printing Tips


-  Stir inks before printing
-  UPLC1073 LC LB Polar White is a low bleed and low cure ink. When printing on 100% polyester, cure at 270°F (132°C) and pre-test for bleed resistance. For challenging fabrics*, a bleed blocking underbase such as UPLC8550 Barrier Black or UPLC1550 Barrier Grey is required
-  Allows for fast print strokes and easy clearance on fine mesh. Use hard flood and low-medium squeegee pressure
-  Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate
-  UPLC1073 is designed to provide maximum opacity on dark fabrics, 100% cotton or cotton/poly blends. It has excellent "low-bleed" qualities
-  Curing is a time and temperature process. Using a lower temperature, at a lower belt speed will provide the best result without damaging the fabric.

Compliance

-  Non-phthalate
-  Internationally compliant
-  Visit <https://www.avientspecialtyinks.com/services/compliance-support>

Sustainability

Precautions

-  The information provided in this document is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications

Recommended Parameters

Fabric Types

100% cotton, Polyblends, triblends, cotton/poly blends, 100% polyester*


Flash & Cure

Flash: 220°F (105°C)
Cure: 270°-320° F (132° -160° C)


Clean Up

Non-phthalate press wash


Mesh

Count: 86-305 t/in (34-120 t/cm)
Tension: 25-35n/cm2


Pigment Loading

N/A


Health & Safety

Find safety information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR


Squeegee

Durometer: 60/90/60, 70/90/70, 60-70
Profile: sharp, square
Stroke: Hard flood, Fast stroke
Angle: 10°-15°


Additives

K2912 VISCOSITY BUSTER LC


Stencil

2 over 2
Off Contact: 1/16" (2mm)
Emulsion Over Mesh: 15-20%


Storage

65°-90° F (18°-32° C)
Avoid direct sunlight.
Use within one year of receipt.
Keep container well sealed.