

**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 [www.avientspecialtyinks.com](http://www.avientspecialtyinks.com) for more information

**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**

<p><b>Fabric Types</b> 100% cotton, Polyblends, triblends, cotton/poly blends, 100% polyester*</p>	<p><b>Flash &amp; Cure</b> Flash: 220°F (105°C) Cure: 270°-320° F (132° -160° C)</p>	<p><b>Clean Up</b> Non-phthalate press wash</p>
<p><b>Mesh</b> Count: 86-305 t/in (34-120 t/cm) Tension: 25-35n/cm2</p>	<p><b>Pigment Loading</b> N/A</p>	<p><b>Health &amp; Safety</b> Find SDS information here: <a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR</p>
<p><b>Squeegee</b> Durometer: 60/90/60, 70/90/70, 60-70 Profile: sharp, square Stroke: Hard flood, Fast stroke Angle: 10°-15°</p>	<p><b>Additives</b> K2912 VISCOSITY BUSTER LC</p>	<p>2021, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.</p>
<p><b>Stencil</b> 2 over 2 Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%</p>	<p><b>Storage</b> 65°-90°F (18°-32°C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.</p>	



AVIENT SPECIALTY INKS

V1.00 (Modified: 04/05/2022)