













UPLC1030 COTTON WHITE

UPLC1030 Cotton White is a high opacity, high coverage ink for 100% Cotton that is a great choice for vector and halftones. This ink offers excellent hand and fiber mat-down. Smooth printing and ultra soft, this white is excellent as a stand alone or light white. The low tack, creamy formula allows printing through finer mesh counts without the need for a viscosity modifier.




Highlights

-  Wide cure temperature range from 270°F to 320°F (132°C-160°C)
-  Suitable as an under base or stand alone white
-  Excellent for both vector and half tone prints
-  Energy savings and cooler operating temperatures
-  Ideal for manual and automatic printing

Printing Tips

-  Pre-shear ink before printing for best flow.
-  UPLC1030 Cotton White is a low cure ink designed for 100% cotton. When printing on polyblends that are prone to bleed, pre-test for suitability using a low cure temperature (270°F/132°C). For challenging fabrics, a bleed blocking underbase such as UPLC1550 Low Cure Barrier Grey or UPLC8550 Barrier Black is required.
-  Use 86–230t/in (34-90t/cm) mesh screens with high tension for best performance, ink release and opacity.
-  Adjust flash cure temperature and dwell time so ink is just dry to touch but tacky. Avoid excessive flash temperatures to protect fabric and migration of dyes.
-  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. Lower cure does not mean you can increase belt speed. Ink still needs time to cure.


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

 <p>Fabric Types 100% Cotton</p>	 <p>Flash & Cure Flash: 220°F (105°C) Cure: 270°-320°F (132°-160°C)</p>	 <p>Clean Up Non-phthalate press wash</p>
 <p>Mesh Count: 86-305 t/in (34-120 t/cm) Tension: 25-35n/cm²</p>	 <p>Pigment Loading N/A</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee Durometer: Medium: 60-70, 70/90/70, 60/90/60 Profile: sharp, square Stroke: Hard flood, Fast stroke Angle: 10°-15°</p>	 <p>Additives K2912 VISCOSITY BUSTER LC</p>	<p>2024, 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>Stencil 2 over 2 Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20%</p>	 <p>Storage 65°-90° F (18°-32° C) Avoid direct sunlight. Use within one year of receipt. Keep container well sealed.</p>	