


UPLC1552 LB VICTORY COLOR-STAY GREY

UPLC1552 LB Victory Color-Stay Grey is low-bleed ink that utilizes Union Ink's innovative low cure technology to cure prints as low as 270°F (132°C) when printing on poly blends or 100% polyester garments. UPLC color inks can be printed on top of UPLC1552 as an over-print.

Highlights

-  Good bleed resistance at a wide temperature range: 270°F-320°F (132°C-160°C)
-  Shears down quickly for a creamy, smooth body
-  Soft hand. Great fiber mat properties
-  Works well on manual or automatic presses
-  Excellent stretch
-  Light grey color

Printing Tips

-  Use 86–110t/in (34-43t/cm) mesh screens for best performance and opacity.
-  It is typical to print two strokes of UPLC1552, flash until dry to the touch, and then print white or colors over UPLC1552, flashing as needed.
-  For challenging polyester fabrics, use UPLC1555 LB Sport Victory Barrier Grey as a base layer to achieve maximum bleed resistance.
-  Adjust flash cure temperature and dwell time so ink is just dry to the touch. Avoid excessive flash temperatures to protect fabric and migration of dyes. Depending on the flash unit, a 3 - 5 second flash is typically adequate.
-  A behavior for high-opacity low cure inks is to "body-up" or gain viscosity when at rest. Be sure to "pre-shear" or agitate this ink before use to achieve optimal flow before printing. Do not use high-speed drills or similar equipment that will create friction and cause the ink to begin to cure. Store ink buckets away from cold floors to reduce pre-shear time.
-  Curing is a temperature over time process. Maintain the recommended cure temperature and belt speed to best protect fabrics.
-  Printers should always test the ink on their fabric under their process conditions before printing production runs.

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 Poly blends, 100% Polyester	 Flash & Cure Flash: 150° F (66° C) Cure: 270°F-320°F (132°C-160°C)	 Clean Up Non-phthalate press wash
 Mesh Count: 86-110 t/in (34-43t/cm) Tension: 18-25n/cm3	 Pigment Loading N/A	 Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR
 Squeegee Durometer: Medium: 60-70, 60/90/60 Profile: sharp, square Stroke: 2 stroke, medium speed Angle: 10° -20°	 Additives K2912 VISCOSITY BUSTER LC K2940 HUGGER CATALYST	2025, 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.
 Stencil Standard Emulsion 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.	
	AVIENT SPECIALTY INKS	V4.00 (Modified: 07/01/2025)