



**UPLC1076 G2 SPORT LC FROSTY
POLY-WHITE**

Union Ink™ UPLC1076 Sport LC Frosty Poly-White is high-opacity, low bleed white ink with a soft finish, excellent coverage, great fiber mat-down, and dye blocking abilities for a wide range of fabrics. UPLC1076 utilizes Union Ink's innovative low cure technology to cure prints as low as 250°F (121°C).

Highlights		Printing Tips	
<ul style="list-style-type: none"> Excellent bleed resistance at a wide temperature range Shears down very quickly to a very creamy, smooth body Excellent stretch High-opacity on dark fabrics Superior performance on both manual or automatic presses 		<ul style="list-style-type: none"> Use 86-156t/in (34-61t/cm) mesh screens for optimal performance and opacity For best results, use a print-flash-print technique to ensure sufficient ink deposit on dark fabrics. For challenging polyester fabrics, use Union Ink™ UPLC1550 Low Cure Barrier Grey or UPLC8550 Barrier Black as a base layer to achieve maximum bleed resistance. 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. Be careful to not use high-speed drills or similar equipment that will create friction-heat that can cause the ink to begin to cure. Store ink buckets up off of cold floors to reduce pre-shear time. 	
Compliance	Sustainability		
<ul style="list-style-type: none"> Non-phthalate Internationally compliant Visit https://www.avientspecialtyinks.com/services/compliance-support 	<p>Reduced Energy Use</p>	<ul style="list-style-type: none"> 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. * On Polypropylene and Rayon fabrics the recommended curing profile is 250°F (121°C) 	
Precautions			
<ul style="list-style-type: none"> 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 			<ul style="list-style-type: none"> Adjust your print parameters to allow this ink to clear fully on the second stroke using medium to low pressure for best dye blocking and opacity. As this ink shears down, less pressure will be required. Adjust accordingly.

Recommended Parameters			
<p>Fabric Types Poly blends, 100% Polyester, 100% Nylon, Polypropylene*, Rayon*</p>	<p>Flash & Cure Flash: 150° F (66° C) - 3 seconds Cure: 250°-320° F (121° -160° C)</p>	<p>Clean Up Non-phthalate press wash</p>	<p>Health & Safety Find safety information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p> <p><small>2023, 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.</small></p>
<p>Mesh Count: 86-156t/in (34-61t/cm) Tension: 18-35n/cm3</p>	<p>Pigment Loading N/A</p>		
<p>Squeegee Durometer: Medium: 60-70, 60/90/60 Profile: sharp, square Stroke: 2 stroke, medium speed Angle: 10° -20°</p>	<p>Additives K2912 VISCOSITY BUSTER LC K2940 HUGGER CATALYST</p>		
<p>Stencil Standard Emulsion 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>		