



**UPLC UNIMIX COLOR MIXING SYSTEM**

Union Ink™ UPLC Unimix is a flexible cure finished ink mixing system that produces Pantone®-simulated colors. UPLC Unimix contains 15 versatile components formulated to create highly-opaque, bright colors.

**Highlights**

- Wet-on-wet printing capabilities
- Accurate and vibrant color matches
- Energy savings and extra stability on problematic fabrics
- Works well on manual or automatic presses
- Matte finish

**Printing Tips**

- Color Mixing Instructions:** The formulas and instructions for simulating the standard Pantone® colors and the Union Ink standard colors are available after registering on our web page [www.avientspecialtyinks.com](http://www.avientspecialtyinks.com)
- When printing on dark garments, mix inks per formulation or custom blend to achieve brilliant colors over an underlay
- Use 110-230t/in (43-90t/cm) mesh screens for best opacity. Use fine mesh for best wet-on-wet printing
- When printing on fabrics that are prone to ink bleeding, use an underbase with an approved UPLC low bleed white ink and/or a blocker
- To best protect your garment, control dye migration, and reduce energy consumption when curing, it is recommended to maintain a low oven temperature, slow belt speed, and recommended cure temperature
- Test all prints for color fastness and print durability before starting

**Compliance**

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

**Sustainability**

**Reduced Energy Use**

**Precautions**

- The information above 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> Cotton, Tri-blends, Cotton/Poly Blends, 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> Ink degradant or press wash</p>
<p><b>Mesh</b> Count: 110-305 t/in (43-120 t/cm) Tension: 25-35 n/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, 60-90 Profile: Square, Sharp Stroke: Medium flood, Medium-Fast stroke Angle: 10-15%</p>	<p><b>Additives</b> K2912 VISCOSITY BUSTER LC UPLC9090 UNIMIX EXTENDER BASE</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><b>Stencil</b> 2 over 2 Off Contact: 1/16" (.2cm) 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</p>	



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