

Rutland™ LC0209 CHILL LC LB MIXING BASE



Rutland™ LC0209 Chill LC LB Mixing Base is a non-phthalate, low-bleed and low-cure base for mixing colors using the C3 Color boosters. LC0209 is designed for printing on polyester garments for both manual and automatic printers.

Highlights

- Mix with Rutland™ C3 colors
- Matte finish with low surface tack
- Low temperature cure from 270°F - 320°F (132°C - 160°C)
- Superior bleed resistance for printing on 100% polyester performance fabrics

Printing Tips

- When blended according to formulations, colors will be semi-opaque to opaque
- 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
- LC0209 is a low cure and low bleed mixing base. For challenging fabrics using sublimation dyes, a bleed blocking underbase such as LC0550 Barrier Grey may be required
- NOTE: Poorly dyed polyester or too much heat in the curing process can overcome any low bleed inks ability to block dye migration
- 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>


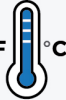








Sustainability



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

 <p>Fabric Types 100% polyester, polyester blends, 100% nylon Jersey</p>	 <p>Flash & Cure Flash: 220°F (105°C) Cure: 270°F (132°C) Entire ink film</p>	 <p>Clean Up Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant</p>
 <p>Mesh Count: 86-230 t/in (34-90 t/cm) Tension: 25-35n/cm2</p>	 <p>Pigment Loading Maximum 25% C3</p>	 <p>Health & Safety Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR</p>
 <p>Squeegee Durometer: 60/90/60, 60-70 Profile: Square, Sharp Stroke: Hard flood, Slow-Medium stroke Angle: 10°-15°</p>	 <p>Additives K2912 VISCOSITY BUSTER LC</p>	<p>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.</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>	