

Rutland™ LC8000 CHILL LC BLACK



Rutland™ LC8000 Chill LC Black is a press-ready black plastisol ink and a wide cure temperature range for printing on 100% Polyester Performance fabrics.

Highlights

- Wide cure temperature range from 270°F - 320°F (132°C - 160°C)
- Ready for use out of the bucket, just pre-shear and print
- Superior bleed resistance for printing on 100% polyester performance fabrics
- Works well on manual or automatic presses

Printing Tips

- LC8000 Chill LC Black 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
- LC8000 Chill LC Black can be cured between 270°F - 320°F (132°C - 160°C). Running at the higher end of the temperature range and/or longer dwell times maybe required to achieve proper cure on jobs that contain cotton or heavy weight garments
- Printers should always test the ink on their fabric under their process conditions before printing production runs











Compliance

- Non-phthalate
- Internationally compliant
- Visit www.rutlandinc.com for more information

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: 140-150°F on pre-heated pallets Cure: 270°-320°F (132°-160°C)</p>	 <p>Clean Up Non-phthalate press wash</p>
 <p>Mesh Count: 86-230 t/in (34-90t/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: 60-70 Profile: sharp, square Stroke: x1 stroke, medium speed Angle: 10°-20°</p>	 <p>Additives</p>	<p>2022, 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 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>	