



# Rutland™ LC8033 CHILL LC BLACK

Rutland™ LC8033 Chill LC Black is a press-ready black plastisol ink. LC8033 is low cure and designed for wet-on-wet printing and suitable for manual and automatic press.

## 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
- Works well on manual or automatic presses

## Printing Tips

- For challenging fabrics using sublimation dyes, a bleed blocking underbase such as LC0550 Barrier Grey may be required
- LC8033 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 may be 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 <https://www.avientspecialtyinks.com/services/compliance-support>

## Sustainability



## Precautions

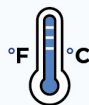
- The information provided in this document is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications

## Recommended Parameters



### Fabric Types

100% Cotton, polyester blends, 100% polyester



### Flash & Cure

Flash: 220°F (105°C)  
Cure: 270°F - 320°F (132°C - 160°C)



### Clean Up

Non-phthalate press wash



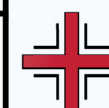
### Mesh

Count: 110-305 t/in (43-120 t/cm)  
Tension: 25-35n/cm<sup>2</sup>



### Pigment Loading

N/A



### Health & Safety

Find SDS information here:  
[www.avient.com/resources/safety-data-sheets](http://www.avient.com/resources/safety-data-sheets) or contact your local CSR



### Squeegee

Durometer: 60/90/60, 70/90/70, 60-90  
Profile: sharp, square  
Stroke: x1 stroke, medium speed  
Angle: 10°-20°



### Additives

K2912 VISCOSITY BUSTER LC  
K2920 FINESSE



### 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.

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.