



## 2200 EPIC™ SHOCK LC WHITE

WILFLEX™ Epic Shock LC White is a non-phthalate, low cure premium white ink that delivers superior printability with an ultra-soft, subtle, pliable and bright smooth finish for 100% cotton garments. It is characterized by its fast flash and fast print strokes making it ideal for high production print shops. Shock LC White has the opacity and brightness to perform admirably in vector stand-alone white graphics but also the ability to hold detail for fine mesh halftone graphics.

### HIGHLIGHTS

- High opacity, superior coverage, brilliant white
- Commendable printability on both manual and automatic presses
- Premium soft hand, drape and fiber-matte down
- Excellent for vector and fine mesh half-tone graphics

### PRINTING TIPS

- Stir inks before printing
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- Use a printing technique to assure a good ink deposit for best durability
- Allows for fast print strokes and easy clearance on fine mesh. Use hard flood and low-medium squeegee pressure
- Shock LC White is a low cure ink designed for 100% cotton. When printing on polyblends that are prone to bleed, pre-test for suitability using a low cure temperature (270°F/132°C). For challenging fabrics, a bleed blocking underbase such as EPIC Armor LC Gray or Black is required.
- 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.
- Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption
- Shock LC White can be cured between 270°F - 320°F (132°C - 160°C)
- Suitable for use as an underbase flash white or as a hi-lite white

### COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit: [www.avient.com/wilflex-compliance](http://www.avient.com/wilflex-compliance)

### 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



AVIENT  
SPECIALTY  
INKS

V3.04 (Modified: 06/06/2023)

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS

#### Fabric Types

100% cotton



#### Mesh

Count: 86-305 t/in (34-120 t/cm)  
Tension: 25-35 n/cm2



#### Squeegee

Durometer: 60/90/60, 70/90/70, 60-70  
Profile: Square, Sharp  
Stroke: Hard flood, Fast stroke  
Angle: 10-15%



#### Stencil

2 over 2  
Off Contact: 1/16" (2mm)  
Emulsion Over Mesh: 15-20%



#### Flash & Cure

Flash: Surface Temp 180°F (83°C)  
Cure: 270°F - 320°F (132°C - 160°C)



#### Pigment Loading

N/A



#### Wilflex™ Additives

ASI Viscosity Buster-1% max



#### Storage

65-90°F (18-32°C)  
Avoid direct sunlight  
Use within one year of receipt



#### Clean Up

Ink degradant or press wash



#### 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



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.

THIS PRODUCT IS BROUGHT TO YOU BY

**NAZDAR**  
SOURCEONE

VISIT US ONLINE  
[SourceOne.Nazdar.com](http://SourceOne.Nazdar.com)

CALL US  
888-578-5713

© 2025 Nazdar. All Rights Reserved.  
Specifications subject to change without notice.