



## 2200 EPIC™ SHOCK LC WHITE

## PRODUCT INFORMATION BULLETIN



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

### 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

### RECOMMENDED PARAMETERS

#### Fabric Types



100% cotton

#### Mesh



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

#### Squeegee



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: 220°F (105°C)  
Cure: 270°F (132°C) Entire ink film

#### Pigment Loading



N/A

#### Wilflex™ Additives



Epic 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



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