



## PERFORMANCE LC WHITE

PERFORMANCE LC WHITE combines best-in-class bleed resistance with ultra-stretch performance for a premium soft and pliable hand feel. It is designed to print onto a variety of specialty fabrics, including compression wear, stretch garments containing spandex, lycra or elastane, polyester, blends and triblend.

### HIGHLIGHTS

- High opacity, excellent coverage, brilliant white
- Adhesion to difficult substrates
- Superior stretch
- Low cure, save energy, reduce bleed defects
- Excellent bleed resistance at a wide temperature range
- Suitable for manual and automatic printing

### 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 to maximize bleed resistance and film strength properties
- Performance LC White is a full-bodied ink with moderate print stroke speeds. Use hard flood and medium squeegee pressures
- Performance LC White is a low bleed ink. For challenging fabrics using sublimation dyes, a bleed blocking underbase such as RIVAL SPORT LC DEFENDER if needed
- 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
- Performance LC White 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, high ink deposits or heavy weight garments.
- 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

V3.06 (Modified: 05/06/2025)



Reduced  
Energy Use

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

100% polyester, triblend, polyester blends, cotton/poly blends, Lycra / Spandex blends, 100% nylon Jersey/  
\*Not suitable for all nylon substrates. Pretest prior to production.



#### Mesh

Count: 86-230 t/in (34-90 t/cm)  
Tension: 25-35 n/cm2



#### Squeegee

Durometer: 60/90/60, 70/90/70, 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

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