



2200 EPIC™ PERFORMANCE LC WHITE

WILFLEX™ Epic 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.

RECOMMENDED PARAMETERS

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



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



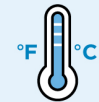
Squeegee

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
or contact your local CSR

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 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
- 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 may be 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

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



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