



2200 EPIC™ POLYWHITE LC

WILFLEX™ Epic Polywhite LC is the best-in-class low bleed white with highest opacity rating in the Wilflex white's portfolio. Printers easily achieve a full ink deposit and excellent coverage when using Polywhite LC. Recommend to cure at low temperature (280°F/138°C) but gives excellent bleed protection at all cure conditions (280°F/138°C - 320°F/160°C).

HIGHLIGHTS

- High opacity, superior coverage, brilliant white
- Low cure, save energy, reduce bleed defects
- Good stretch
- Recommended for automatic presses
- Superior bleed resistance at a wide temperature range

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
- Polywhite LC is a full-bodied ink with moderate print stroke speeds. Use hard flood and medium-high squeegee pressures
- Polywhite LC 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
- Polywhite LC can be cured between 280°F - 320°F (138°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

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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V1.00 (Modified: 11/12/2020)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% polyester, triblends, polyester blends, cotton/poly blends



Mesh

Count: 86-180 t/in (34-71 t/cm)
Tension: 25-35 n/cm2



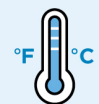
Squeegee

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

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

SDS: www.avient.com/resources/safety-data-sheets
Contact your local CSR

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