



SINGLE LC WHITE

SINGLE LC WHITE is a non-phthalate, premium white ink designed to be non-ghosting for universal use on 100% polyester, blends and cotton substrates with bleed resistance properties at low temperature cure requirements. Designed to help printers simplify supply chain, reduce inventory costs and energy consumption. Single LC White is specifically formulated to give good press performance and aesthetics across mainstream fabric types.

HIGHLIGHTS

- High opacity, excellent coverage, brilliant white
- Universal ink for multiple fabrics, Non-ghosting
- Excellent stretch
- Low cure, save energy, reduce bleed defects
- Bleed resistance at low temperatures
- 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
- SINGLE LC WHITE is a full-bodied ink with moderate print stroke speeds. Use hard flood and medium squeegee pressures
- SINGLE LC WHITE has low bleed properties when curing at 270°F/132°C. For challenging fabrics using sublimation dyes, a bleed blocking underbase such as RIVAL SPORT LC DEFENDER 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
- SINGLE LC WHITE requires a low cure temperature (< 270°F/132°C) when printing as a first down on fabrics that are known to bleed. When printing on fabrics where bleed resistance is not required, EPIC Single LC White can be cured up to 320°F (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

SUSTAINABILITY



Reduced Energy Use

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

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

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



Mesh

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



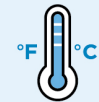
Squeegee

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: 260°F - 280°F (127°C - 138°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



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