



A2200 EPIC BOLT LC WHITE RFU

WILFLEX™ A2200 Epic Bolt LC White is a low temperature white with great opacity. When combined with A2100 Epic Armor LC Gray as an underlay, it has the best low temperature dye migration resistance on all 100% polyester performance fabrics in the market today. A2200 Epic Bolt LC White exhibits great bleed resistance, opacity and coverage.

RECOMMENDED PARAMETERS

HIGHLIGHTS

- High opacity with fast flash
- Low cure, save energy, reduce bleed defects
- Great stretch, adhesion, and recovery makes it a perfect athletic ink
- Excellent for vector and fine mesh half-tone graphics
- Excellent bleed resistance on poly-blends
- Commendable printability on both manual and automatic presses



Fabric Types

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



Mesh

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



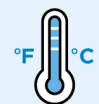
Squeegee

Durometer: 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

A-10025PFX 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
or contact your local CSR

PRINTING TIPS

- It is best practice to "pre-shear" ink before introduction to the screen. Do this by "Slicing and folding" the ink with an ink knife. Do not mix with power drill, friction heat from mechanical mixers other than a "Turn about" style mixer will thicken up the ink body.
- 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
- Allows for fast print strokes and easy clearance on fine mesh. Use hard flood and low-medium squeegee pressure
- A2200 Epic Bolt LC White is a low bleed and low cure ink. *When printing on 100% polyester, cure at 270°F (132°C) and pre-test for bleed resistance. For challenging fabrics, a bleed blocking underbase such as A2100 Epic Armor LC Gray 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.
- This ink is popular as a general purpose white in shops that choose to only use 1 or 2 whites in their day-to-day operations.

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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