

11195PFW Epic™ Athletic LB White

Wilflex Epic Athletic LB White is a non-phthalate low-bleed, creamy plastisol ink formulated with excellent opacity, brightness and dye bleed resistance. Epic Athletic LB White has fast flashing properties that provide excellent mat-down with little after tack.

Highlights

- ▶ Compliant with CPSIA 2008 (Consumer Product Safety Improvement Act) Section 101, Lead Content in Substrates (<300 ppm lead); 16 CFR, Part 1303, Lead in Paint (<90 ppm lead); and CPSIA 2008, Section 108, Phthalates (<.1% DEHP, DBP, BBP, DINP, DIDP, DNOP).
- ▶ Eco-Passport Certified.
- ▶ Excellent bleed resistance for athletic, polyester, and cotton blend fabrics.
- ▶ Use as a first-down, underbase flash white or an overprint stand-alone white.
- ▶ High opacity, good coverage.
- ▶ Fast Flashing.

Printing Tips

- ▶ To optimize bleed resistance, set the dryer belt at the highest possible speed while still ensuring that the ink film reaches 320 F. This ensures that the ink's heat exposure is minimal.
- ▶ Suggestions for automatic printing of Epic Athletic LB White: First print 130 mesh screen -- flash -- second print 86 mesh screen. Use minimal pressure on first print.
- ▶ Low quality polyester fabrics are likely to have dye migration issues. To determine a material's bleed potential, please reference the testing procedures outlined in the Wilflex User's Manual.
- ▶ Use consistent, high tensioned screen mesh to optimize performance properties.
- ▶ To increase production speeds, use finer mesh counts for the flash plate to decrease gel time. Set flash dwell times on heated pallets to simulate production. Adjust your settings so that the ink is just dry to the touch.

Precautions

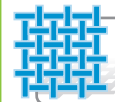
- ▶ Perform fusion tests before production. Failure to cure ink properly may result in poor wash fastness, inferior adhesion and unacceptable durability. Ink gel and cure temperatures should be measured using a Thermoprobe placed directly in the wet ink film and verified on the production run substrate(s) and production equipment. It is the responsibility of the printer to determine that the correct ink has been selected for a specific substrate and the application processes meet your customer's standards or specifications.
- ▶ Avoid overflashing, as it can result in poor inter-coat adhesion of overprint colors.
- ▶ When processed properly, Epic Athletic LB White will not ghost.
- ▶ Stir plastisols before printing.
- ▶ Do not dry clean, bleach or iron printed area.
- ▶ **NON-CONTAMINATION OF EPIC INKS**
 - ▶ Do not add or mix non-Epic inks, additives or extenders with the Epic ink products.
 - ▶ All buckets, palette knives and stirring apparatus must be cleaned properly and free of phthalate containing inks. All squeegees, flood bars and screens must be cleaned properly to remove phthalate containing inks before printing Epic.
 - ▶ Non-phthalate emulsions and pallet adhesives must be used.
- ▶ Any application not referred in this product bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- ▶ Email: techserviceswilflex@polyone.com

Printing Parameters

Opacity	9	
Bleed Resistance	9	
Smooth Surface	9	
Flash	7	
Gloss	5	
Printability	8	



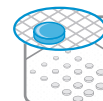
Fabric Types
100% cotton, cotton blends,
100% polyester



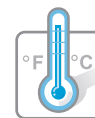
Mesh
Counts: 86-230 t/in (24-90 t/cm)
recommended
Tension: 25-35 n/cm² recommended



Squeegee
Durometer: 60-70, 60/90/60
Edge: Square, sharp
Stroke: Hard flood, medium speed
Avoid excess pressure.



Stencil - non-phthalate
Direct: 2 over 2
Capillary/
thick film: N/A
Off contact: 1/16" (.2 cm)



Gel/Cure Temperatures
Gel: 220 F (104 C)
Cure: 320 F (160 C) Entire film



Epic Pigment Loading
N/A



Additives
Extender: None
Reducer: 3% max - 10025VB QEC
Viscosity Buster



Storage
65°-90°F (18°-32°C)
Avoid direct sun.
Use within one year of receipt.



Clean Up
Wilflex screen wash



Health & Safety
MSDS: www.polyone.com