

## 2200 EPIC™ Echo LB White

Wilflex™ 2200 EPIC Echo LB White is a non-phthalate value white ink specifically designed for the large contract printer market. This polyblend white is designed to minimize shear down and maintain good opacity at elevated ink temperatures during long production runs on automatic presses. It is characterized by its moderate bleed resistance, opacity, good fiber mat-down, brightness, matte appearance and great value. Epic Echo LB White is designed for applications on 100% cotton and cotton/poly blends where moderate bleed resistance is required.

### Highlights

- ▶ High opacity
- ▶ Smooth, bright surface
- ▶ Matte finish
- ▶ Fast-flashing with minimal after-tack
- ▶ Suitable for use as an underbase flash white or as a hi-lite white

### Printing Tips

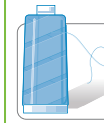
- ▶ For best results, use recommended mesh counts and a print-flash-print technique
- ▶ Use consistent, high-tensioned screen mesh to optimize performance properties
- ▶ This is a full-bodied ink, keep ink well full to maintain optimum flood
- ▶ Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate.

### Compliance

- ▶ Non-phthalate.
- ▶ For individual compliance certifications, please visit [www.wilflex.com/compliance](http://www.wilflex.com/compliance).

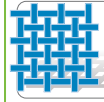
### Precautions

- ▶ Stir plastisols before printing.
- ▶ Do not dry clean, bleach or iron printed area.
- ▶ Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion and unacceptable durability. Gel and cure temperatures for ink should be measured using a Thermoprobe device placed directly in the wet ink film and verified on the substrate(s) and equipment to be used for production.
- ▶ 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 the printer's customer standards or specifications.
- ▶ When printing on garments that contain certain dyes, you must pre-test for the potential of ghosting. Please refer to our website for more information on this issue.
- ▶ Wilflex products have been carefully designed to perform within a given viscosity range, and any dramatic change in viscosity is probable to result in a change in printing characteristics
- ▶ **NON-CONTAMINATION OF EPIC INKS:** Do not mix EPIC inks with inks, additives or extenders from other companies. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalate containing inks. Non-phthalate emulsions and pallet adhesives must be used. Failure to follow these precautions may cause phthalate contamination in violation of consumer protection laws and regulations.
- ▶ Any application not referred in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- ▶ Email: [techserviceswilflex@polyone.com](mailto:techserviceswilflex@polyone.com)



#### Fabric Types

Cotton/Poly blends, 100% cotton



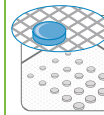
#### Mesh

Counts: 86-230 t/in (34-91 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



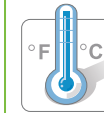
#### Squeegee

Durometer: 60/90/60, 70/90/70, 70  
Edge: Square, Sharp  
Stroke: Medium flood, Medium - Fast stroke  
*\*Do not use excess squeegee pressure.*



#### Non-Phthalate Stencil

Direct: 2 over 2  
Capillary/Thick Film: N/A  
Off Contact: 1/16" (.2cm)



#### Flash & Cure Temperatures

Flash: 220°F (105°C)  
Cure: 320°F (160°C)



#### Pigment Loading

EQ: N/A  
MX: N/A  
PC: N/A  
*\*All percentages listed at % by weight.*



#### Epic Additives

Extender: N/A  
Reducer: Epic Viscosity Buster-1% max  
*\*All percentages listed at % by weight.*



#### Shipping & 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.polyone.com](http://www.polyone.com) or  
Contact your local CSR.