

## 11700PFW Epic Warrior LB White

Wilflex™ Epic Warrior LB White is a non-phthalate general purpose white ink that delivers good printability and visual appearance. Epic Warrior LB White can be used as an underbase flash white or as a highlight white. It is characterized by a good Fast flash time with minimal after-tack, good fiber mat-down, brightness, and a matte appearance. Epic Warrior LB White is designed for applications on 100% cotton and cotton/poly blends where moderate bleed resistance is required.

### Highlights

- ▶ Odorless.
- ▶ High opacity.
- ▶ Smooth, bright surface.
- ▶ Matte finish.
- ▶ Fast flashing with minimal after-tack.
- ▶ Prints easily through recommended meshes.
- ▶ Use as a first-down, underbase flash white or an overprint stand-alone white.

### Printing Tips

- ▶ Best results achieved using recommended mesh counts.
- ▶ 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.

### Compliance

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

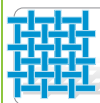
### Precautions

- ▶ 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 over flashing as it can result in poor intercoat adhesion of colors.
- ▶ Some fabric dyes may cause ghosting effect if not properly tested. Pre-test on light colored or stone washed garments. Avoid stacking printed garments while hot because such colors are more prone to color distortion (ghosting). Fabric and dye characteristics can vary between manufacturers and dye lot.
- ▶ 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 Epic inks. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalates and pvc 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

100% cotton, cotton/poly blends



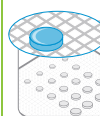
#### Mesh

Counts: 86-305 t/in (34-120 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



#### Squeegee

Durometer: 60-70, 60/90/60  
Edge: Square, Sharp  
Stroke: Medium-Fast  
*\*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: 290°F (140°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.*



#### Storage

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



#### Clean Up

Ink degradent or press wash.



#### Health & Safety

MSDS: [www.polyone.com](http://www.polyone.com) or  
Contact your local CSR.