**Wilfl ex™ EPIC Quick White**

Wilfl ex™ EPIC Quick White is a non-phthalate premium white ink that delivers superior printability, premium aesthetics and unmatched soft hand feel. EPIC Quick White can be used as an underbase flash white or as a highlight white. It is characterized by an extremely fast flash time with minimal after-tack, excellent fiber mat-down, high brightness and matte appearance. EPIC Quick White is designed for applications on 100% cotton and cotton/poly blends where moderate bleed resistance is required.

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

### Printing Tips
- 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.wilfl ex.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.
- Curing is the responsibility of each printer to confirm that the print is fully cured. PolyOne’s cure recommendations are not a guarantee or warranty, but merely suggested starting points for curing evaluations as explained above.
- 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.
- Wilfl ex 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 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 Wilfl ex Technical Services Department prior to printing.
- Email: techserviceswilfl ex@polyone.com

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**Recommended Parameters**

- **Fabric Types**
  - 100% cotton, cotton/poly blends

- **Mesh**
  - Counts: 60-120 t/in (34-120 t/cm)
  - Tension: 25-35 n/cm²

- **Squeegee**
  - Durometer: 60-70, 60/90/60
  - Edge: Square, Sharp
  - Stroke: Hard flood, 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: 300°F (150°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-3% 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 degradent or press wash.

- **Health & Safety**
  - SDS: www.polyone.com or Contact your local CSR.