

## 10075PFX Epic SuperGuard HT

Wilflex™ Epic SuperGuard HT is a clear plastisol designed to fight fibrillation when used as an overprint, especially effective for process printing. SuperGuard HT enhances color brightness, improves adhesion and elongation and improves wash properties.

### Highlights

- ▶ Matte finish
- ▶ Clear when overprinting designs
- ▶ Enhances color brightness
- ▶ Improves adhesion and elongation
- ▶ Fights fibrillation, improves wash properties
- ▶ Excellent printability
- ▶ Excellent shelf life
- ▶ Safe, non-hazardous

### Printing Tips

- ▶ Combine CMYK positives to reproduce the fifth plate for SuperGuard HT.
- ▶ Shoot the fifth screen in a lower mesh count than the CMYK screens.
- ▶ Place the SuperGuard HT screen in fifth printing position and apply wet-on-wet.
- ▶ You also can flash after the CMYK for optimum results.
- ▶ Pretest and evaluate for your print preference.
- ▶ Printing: Allow one flood, one print application. (Printing properties will be determined by manual or automatic printing applications.)
- ▶ Flash Cure and fusion will be determined by the Wilflex base used. Please refer to specifications outlined for the base.
- ▶ Use as a clear overprint on any type of printing to fight fibrillation.
- ▶ Do not use as an underprint on process printing. Overprinting offers better washability and color accuracy.
- ▶ Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion, unacceptable durability, and increased likelihood of dye migration. Testing procedures for plastisol fusion are outlined in the User's Manual.
- ▶ Stir plastisols prior to printing.
- ▶ Do not dry clean, bleach or iron the printed area.
- ▶ Any application not referenced in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing (US - 800-735-4353).

### Compliance

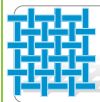
- ▶ Non-phthalate.
- ▶ For individual compliance certifications, please visit [www.wilflex.com/compliance](http://www.wilflex.com/compliance).

### 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.
- ▶ 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.
- ▶ Pretest all fabrics for dye migration.
- ▶ 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)



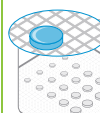
**Fabric Types**  
100% cotton, blends, fleece, polyester



**Mesh**  
Counts: 305-355 t/in (77-140 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



**Squeegee**  
Durometer: 60/90/60  
Edge: Hard, Square  
Stroke: Medium flood, fast speed  
*\*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: 170-190°F (77-88°C)  
Cure: 320°F (160°C) Entire film



**Pigment Loading**  
EQ:  
MX:  
PC:  
*\*All percentages listed at % by weight.*



**Epic Additives**  
Extender: N/A  
Reducer: N/A  
*\*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.