wilflex™

Recommended Parameters

e 11889PFW Epic PF Hilite White

Wilflex™ Epic Hilite White is a non-phthalate premium white ink that delivers superior printability and visual appearance. Epic Hilite White can be used as an underbase flash white or as a highlight white. It is characterized by an extremely fast flash time with low after-tack, excellent fiber mat-down, high brightness, and matte appearance. Epic Hilite White is designed for applications on 100% cotton fabrics.

Highlights

▶ Fast flashing with minimal after-tack.
▶ Odorless.
▶ High opacity.
▶ Smooth, bright surface.
▶ Matte finish.
▶ 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.
▶ Best results achieved using recommended mesh counts.

Compliance

▶ Non-phthalate.
▶ For individual compliance certifications, please visit 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.
▶ 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

Fabric Types
100% cotton

Mesh
Counts: 86-305 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.
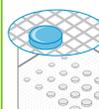
Non-Phthalate Stencil
Direct: 2 over 2
Capillary/Thick Film: N/A
Off Contact: 1/16" (.2cm)

Flash & Cure Temperatures
Flash: 220°F (105°C)
Cure: 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.

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 or
Contact your local CSR.

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PolyOne Wilflex™ inks by PolyOne.

www.wilflex.com/pib

GENERAL PURPOSE | WHITE