

e 2200 EPIC™ Echo Cotton White

Wilflex™ 2200 EPIC Echo Cotton White is a non-phthalate white ink specifically designed for the large contract printer market. This cotton white does not shear down and maintains good opacity at elevated ink temperatures during long production runs on automatic presses. It is characterized by its opacity, good fiber mat-down, brightness, matte appearance and great value. Epic Echo White is designed for applications on 100% cotton fabrics.

Highlights

- ▶ 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

Printing Tips

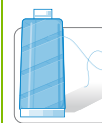
- ▶ For best results, use a print-flash-print technique
- ▶ Use consistent, high-tensioned screen mesh to optimize performance properties
- ▶ Use 110-158 t/in mesh (43-62t/cm) as standard for large coverage and non-detailed graphics
- ▶ For thinner ink deposit, use 158 in (62 cm) mesh or higher
- ▶ Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate. If surface is hot and tacky, the ink film has been over flashed. Reduce temperature or time to prevent an inter-coat adhesion problem.

Compliance

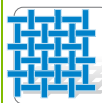
- ▶ Non-phthalate.
- ▶ For individual compliance certifications, please visit www.wilflex.com/compliance.

Precautions

- ▶ Stir plastisols before printing.
- ▶ Do not dry clean, bleach or iron printed area.
- ▶ Perform fusion tests before production. Failure to cure ink properly 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.
- ▶ **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



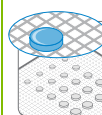
Fabric Types
100% cotton



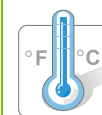
Mesh
Counts: 86-230 t/in (34-91 t/cm)
Tension: 25-35 n/cm²



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.*



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 or
Contact your local CSR.