wilflex™

Product Information Bulletin

# 2200 EPIC™ Prime White

**Wilflex™ EPIC Prime White is a non-phthalate cotton white ink with a creamy consistency and good opacity and fiber mat down properties. EPIC Prime White is ready for use straight from the bucket minimizing pre-heating ink and press set-up time. This cotton white ink exhibits reliable press performance producing good quality prints at a great value to any print shop.**

## Highlights

- Ready for use consistency, minimize press pre-heat time
- Good opacity
- Smooth, bright surface
- Matte finish
- Fast flashing with minimal after-tack
- Use as a first-down underbase white or an overprint stand-alone white.

## Printing Tips

- For best results, use a print-flash-print technique to assure a good ink deposit.
- Use 110-156 t/in mesh (43-62t/cm) as standard for large coverage and non-detailed graphics.
- Depending on flash unit, a 3 - 5 second flash is adequate. Adjust flash temperature so ink film reaches 220°F (105°C). Ink should be dry to touch. 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

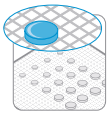
- Stir plastisols before printing.
- Do not dry clean, bleach or iron printed area.
- Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion and unacceptable durability. Gel and cure temperatures for ink should be measured using a Thermoprobe 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.
- Wilflex 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 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

## Recommended Parameters

**Fabric Types**
100% cotton

**Mesh**
**Counts:** 86 -230 t/in (34-90 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) for 3 - 5 seconds
**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:** Not recommended
**Reducer:** Not recommended
***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.

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