

2200 EPIC™ Amazing Bright White

Wilflex™ EPIC Amazing Bright White is a non-phthalate white ink designed for applications on 100% cotton and cotton/polyester blends where moderate bleed resistance is required. This white ink is press stable, giving printers flexibility to operate at a wide range of mesh counts, squeegee pressures and pallet temperatures. EPIC Amazing Bright White is a general purpose white ink with reliable press performance producing good quality prints at a great value to any print shop.

Highlights

- ▶ Exceptionally Bright White
- ▶ Good value
- ▶ High opacity, good coverage
- ▶ Satin finish
- ▶ Smooth surface
- ▶ Fast-flashing with minimal after-tack
- ▶ Use as a first-down underbase flash white or an overprint stand-alone white
- ▶ Easily printed with both manual and automatic presses

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.
- ▶ EPIC Amazing Bright White is a low bleed ink and is not recommended on 100% polyester or fabrics with severe bleed.
- ▶ Adjust flash cure temperature and dwell time so ink is just dry to touch. Avoid excessive flash temperatures to protect fabric and migration of dyes. Depending on flash unit, a 3 - 5 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 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.
- ▶ When printing on garments that contain certain dyes, you must pre-test for the potential 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 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, cotton/poly blends, triblends



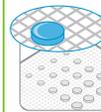
Mesh

Counts: 86-280 t/in (34-110 t/cm)
Tension: 25-35 n/cm²



Squeegee

Durometer: 60-70, 60/90/60
Edge: Slightly Rounded for large area, Sharp for fine detail
Stroke: Medium flood, fast stroke
**Do not use excess squeegee pressure.*



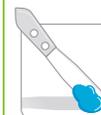
Non-Phthalate Stencil

Direct: 2 over 2
Capillary/Thick Film: N/A
Off Contact: 1/16" (.2cm) or lower



Flash & Cure Temperatures

Flash: 200-220°F (90°C-105°C)
Cure: 300°F (150°C) Entire ink film



Pigment Loading

EQ: N/A
MX: N/A
PC: N/A
**All percentages listed at % by weight.*



Epic Additives

Extender: N/A
Reducer: N/A
**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 degraded or press wash.



Health & Safety

SDS: www.polyone.com or
Contact your local CSR.