

11480PFW EPIC BRIGHT TIGER

Wilflex™ Epic Bright Tiger White is a non-phthalate, high performance, low-bleed white ink for application on 100% cotton and cotton/polyester blends. Epic Bright Tiger's premium opacity, optical brightness, fiber mat down, low gloss level, and good flash properties permit it to be utilized as a first-down flash white or as a hi-light white. A versatile white ink with commendable performance across a wide range of mesh screens on manual or automatic equipment.

Highlights

- ▶ Optically bright
- ▶ Opaque
- ▶ Matte finish
- ▶ Smooth surface
- ▶ Fast-flashing with minimal tack
- ▶ Prints through fine meshes
- ▶ Easily printed on manual or automatic presses

Printing Tips

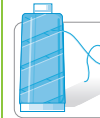
- ▶ For best results, Print - Flash - Print followed by color
- ▶ For one-hit opacity through course meshes, use a coating procedure that builds a thick, even stencil to ensure a good column height of ink
- ▶ Use consistent, high-tensioned screen mesh to optimize performance properties

Compliance

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

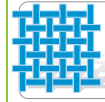
Precautions

- ▶ Perform fusion tests before production. Failure to cure ink properly may result in poor wash fastness, inferior adhesion and unacceptable durability. Ink flash 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.
- ▶ Pre-test all fabrics for dye migration.
- ▶ Some fabric dyes may cause ghosting effect, properly test.
- ▶ Avoid over flashing as it can result in poor intercoat adhesion of colors.
- ▶ Wilflex products have been carefully designed to perform within a given viscosity range and any dramatic change in viscosity may result in a change in printing characteristics
- ▶ 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, cotton/poly blends



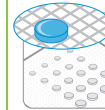
Mesh

First down white:
86 - 156 t/in (34 - 61 t/cm)
Smoothing and/or Hi-light white:
230 - 305 t/in (90 - 120 t/cm)
Tension: 25-35 n/cm²



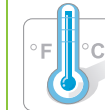
Squeegee

Durometer: 60-90, 70/90, 70/90/70
Edge: 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)



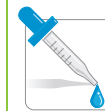
Flash & Cure Temperatures

Flash: 220°F (105°C) 3 - 5 seconds
Cure: 300 °F (150 °C) Peak



Pigment Loading

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



Epic Additives

Reducer: Epic Viscosity Buster- 3% 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 degradant or press wash



Health & Safety

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