

12004PFXAB Epic Amazing Base

Wilflex™ Epic Amazing Base is a non-phthalate mixing base for manual and automatic screen printing on 100% cotton and cotton/poly blend substrates. Combining elements in design versatility and press performance, Amazing Base has been engineered to produce optimal color vibrancy and printability providing the versatility and performance you expect from a Wilflex Color System.

Highlights

- ▶ Delivers brilliant reproduction using Wilflex PC Express or Equalizer colorants for improved color retention on base plates and dark substrates.
- ▶ Enjoy design freedom with custom color palette solutions or Pantone® simulations. Get started quickly with Wilflex Epic PC Express or Equalizer colorants and use existing Pantone formulas.
- ▶ Enjoy long or short runs. Maintain medium to heavy body throughout the run.
- ▶ Build-up resistant for high productivity printing. Production minded shops will benefit from time saved by not stopping production to wipe screens.
- ▶ Prints easily through recommended meshes. Will not dry in the screen.
- ▶ Satin finish.

Printing Tips

- ▶ Can be printed direct to garment or over an underbase.
- ▶ Use a slightly rounded squeegee for large area coverage. Use firm flood stroke and medium print stroke to maintain detail. For fine line graphics use up to 305 t/in (120 t/cm) mesh. Use 110-156 t/in mesh (43-62t/cm) as standard for large coverage and non-detailed graphics.
- ▶ 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 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.
- ▶ Avoid over flashing as it can result in poor intercoat adhesion of colors.
- ▶ 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



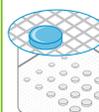
Fabric Types
100% cotton, cotton/poly blends



Mesh
Counts: 86 -305 t/in (34-120 t/cm)
Tension: 25-35 n/cm²



Squeegee
Durometer: 70/90/70
Edge: Sharp, Square
Stroke: Medium-Fast
**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: 220°F (105°C)
Cure: 300°F (150°C)



Pigment Loading
EQ: Use IMS System.
MX: N/A
PC: Use IMS System.
**All percentages listed at % by weight.*



Epic Additives
Extender: Epic Extender Base-20% max
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
Non-phthalate ink degradant or press wash



Health & Safety
MSDS: www.polyone.com or
Contact your local CSR.