



Wilflex Epic™ puts the most advanced non-phthalate ink technology to work for you. Simple to use and easy to print, the **Wilflex Epic™** Color System is based on our popular MX mixing system. With MX color technology, Pantone® simulations are easily achieved with predictable color development. For market conditions that require non-phthalate inks, **Wilflex Epic™** is the smart choice.

www.wilflex.com/pib to access all Wilflex™ Product Information Bulletins

Features

New Technology

Wilflex Epic™ is a complete system developed to meet the market requirements for non-phthalate inks. While Wilflex Epic inks print and cure just like standard plastisols, they are manufactured with non-phthalate plasticizers.

Easy to Use, Easy to Mix

Part of the MX family of mixing systems with 15 mixing colors that have a soft hand and matte ink finish. No wasted time color matching, simply follow the MX recipes. Accurately create simulations of PANTONE® colors using Wilflex Epic.

Excellent wet-on-wet printing

Fewer flashes mean more available heads.

Resistance to Ink Build Up

Wilflex Epic easily combines current print shop conditions without changing any of the printing equipment parameters. Less down time = more available press time.

Software, Scales, Accuracy

Formulations available with Wilflex Ink Management Software (use MX formulas). Downloadable to the PC for use with automated digital scale. Weighing of components is fast and easy.

Wilflex Epic is an exciting addition to the MX family of color mixing systems, combining cutting edge technology with the changing trends in our market place. Wilflex Epic is a non-phthalate, plastisol screen printing ink, specially formulated by Wilflex with the same high quality performance and print application standards that you would expect from standard MX series inks.

Advantages

Compared to Waterbase Inks

Wilflex Epic is designed to print and perform just like standard plastisol inks. As such, it enjoys many of the same production-friendly characteristics found in plastisols:

- ▶ Prints like plastisol (press setup)
- ▶ Cures like plastisol (similar time/temp.)
- ▶ No drying in screen.
- ▶ Compatible with spot remover guns.
- ▶ Reduced downtime by leaving inks in the screens for lunch breaks and end of the day closing.
- ▶ Faster run/cure rates than waterbase.
- ▶ Superior elongation of ink film compared with most waterbase inks.
- ▶ Supports a wider variety of special effect printing techniques than waterbase inks.
- ▶ Simplified emulsion and screen coating issues -prepress and press.

Specifications

PANTONE® Approved

Colors approved through 156 t/in(62 t/cm) mesh on white fabric, viewed with Cool White Fluorescent 4100K. Variation in screen mesh and ink deposit can result in variation in depth of color and opacity.

Substrate Recommendations

100% cotton, cotton blends. For bleed resistance, use 11000PFW Epic BR White.

Printing Recommendations

See Product Information Bulletin for application details. www.wilflex.com/pib

Questions/Answers

Commonly Asked Questions

What is Wilflex Epic?

Wilflex Epic is a non-phthalate, plastisol ink mixing system.

What are phthalates?

Phthalates are liquid plasticizers, which are added to a plastic resin called polyvinyl chloride (PVC). Once heated the plasticizers absorb into the resin and act as a softener, resulting in a flexible plastic film.

Will Wilflex Epic inks look and feel like plastisol inks?

Yes! The inks have been formulated to offer similar characteristics including printing techniques and cure temperatures. Please review the PIB for details.

Is Wilflex Epic a water based ink?

No. Wilflex Epic inks act and print like plastisol inks, but do not contain phthalates.

Can I mix Wilflex Epic inks with other inks and additives?

You can only mix Wilflex Epic inks with similar non-phthalate inks. Non-phthalate additives may be used to modify the ink properties.

What about cross contamination?

Proper precautions and procedures must be followed to ensure the non-phthalate integrity of the Wilflex Epic inks. Cross contamination can occur in multiple locations in the production environment. See the PIB for more details.

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