



Epic™

Wilflex™ Epic puts the most advanced non-phthalate ink technology to work for you. Simple to use and easy to print, Epic inks are based on well-known and time-tested formulations from our classic line of inks. The Epic line now features a full range of products including; a finished ink mixing system, a base and pigment mixing system, texture inks, specialties, metallics, and others. For market conditions that require non-phthalate inks, make the move to Wilflex Epic.



Product Highlights

- ▶ Formulated without phthalates
- ▶ Eco Passport certified (EKO Tex 100 Standard)
- ▶ Excellent on-press performance
- ▶ Simple to use
- ▶ Easy to use color mixing systems for accurate Pantone® simulations and custom color formulations
- ▶ Excellent high-speed wet-on-wet printing
- ▶ Smooth satin finish
- ▶ Proven technology platform
- ▶ Supports a wide range of specialty products and applications

Product Benefits

Save time

- ▶ No special setups or screens required
- ▶ Mix colors faster and more accurately, first time - everytime
- ▶ Reduced downtime by leaving inks in the screens during breaks and end of the day closing

Reduce waste

- ▶ Epic inks will not dry in the screen or in the bucket
- ▶ Reduce unused ink inventories by using a color mixing system
- ▶ Compatible with spot gun to remove unwanted ink blemishes

Improve productivity

- ▶ Print more shirts in less time with high speed production
- ▶ Minimal build-up means less downtime cleaning screens
- ▶ Stable ink formulations maintain color balance on press
- ▶ Start and stop production, as needed, without cleaning screens



Commonly Asked Questions

How is Epic different from the ink I use now?

Epic is our highly productive, flexible and proven ink technology that is manufactured without phthalate plasticizers.

What are phthalates?

Phthalates are a class of commonly used plasticizers used to create a flexible plastic film. Plasticizers are used in inks to add flexibility, softness and elongation. While phthalate and non-phthalate plasticizers provide similar functionality, they are differentiated by their chemical structure.

Will Epic inks look and feel like conventional plastisol inks?

Yes! The inks have been formulated to offer similar characteristics including printing techniques, press setups, and cure temperatures/times. Please review the PIB for product-specific details.

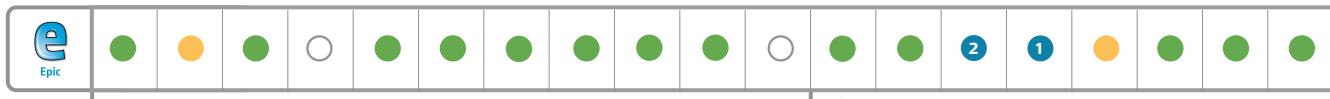
Can I mix Epic with other inks or additives?

To avoid contamination, Epic inks should only be used with similar non-phthalate products.

What about cross contamination?

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

PC Color System Equalizer Color System Finished Ink Color System Premix Standard Colors Textures Specialties Glitter Shimmer Metallics Non-Phthalates Non-PVC APEO Free ECO Passport Certified Non-Formaldehyde Discharge Transfers Free of Heavy Metals CPSC Compliant Globally Available



1 Use with Wilflex Oasis Plascharge to create discharge ink.
2 ISO 14184: Non-detected or below RSL quantity (Fluo's only).

Product Listing

Base (Special Effects)

15000PFB.....Epic PF Mixing Base
10005PFX.....Epic PF Stretch Base
10000PFX.....Epic PF Extender Base

Clears

10000PFXBB.....Epic Brittle Clear
10008PFX.....Epic Special Effects Clear
11100PFCLR.....Epic HD Clear

Color Mixing System (PC Express)

61011PC.....Epic Extra White PC
61094PC.....Epic Velvet Black PC
61130PC.....Epic Bright Orange PC
61806PC.....Epic Electron Red PC
61045PC.....Epic Maroon PC
61047PC.....Epic Magenta PC
61057PC.....Epic Violet PC
61165PC.....Epic Marine Blue PC
61068PC.....Epic Blue PC
61070PC.....Epic Green PC
61087PC.....Epic Bright Yellow PC
61801PC.....Epic Electron Blue PC
61800PC.....Epic Electron Yellow PC
61904PC.....Epic Fluo. Pink PC
61908PC.....Epic Fluo. Purple PC
61145PCNM.....Epic Red B/S PCNM PC
61187PCNM.....Epic Yellow PCNM PC
Epic PC Express Starter Kit (pt./5G base)
Epic PC Express Kit w/5G Base (qt./1G base)

Color Mixing System-(MX Finished Ink)

11888PFX.....Epic PF White
19888PFX.....Epic PF Black
38888PFX.....Epic PF Orange
48888PFX.....Epic PF Red
48889PFX.....Epic PF Magenta
58888PFX.....Epic PF Violet
68888PFX.....Epic PF Marine
68889PFX.....Epic PF Blue
78888PFX.....Epic PF Green
88888PFX.....Epic PF Yellow
98880PFX.....Epic PF Fluorescent Pink
98884PFX.....Epic PF Fluorescent Red
98885PFX.....Epic PF Fluorescent Purple
98886PFX.....Epic PF Fluorescent Blue
98888PFX.....Epic PF Fluorescent Yellow
88881PFXNM.....Epic Yellow NM
48881PFXNM.....Epic Red NM
Epic MX Starter Kit (qts.)

Texture Base

10250PFXNPF.....Epic Nupuff Base
10399PFXNB.....Epic Nova Base
10425PFXNS.....Epic Natural Suede Base
10460PFXBB.....Epic Brittle Base
10650PFXSCP.....Epic Sculpture Base
10670PFXRB.....Epic Rock Base
10700PFXPB.....Epic Plush Base
18000PFXCB.....Epic Cork Base
10340PFXFSB.....Epic Fashion Soft Base

Process Color Set

69850PFX.....Epic Process Cyan
49850PFX.....Epic Process Magenta
89850PFX.....Epic Process Yellow
19850PFX.....Epic Process Black

Specialty

15330PFX.....Epic Silver Glitter
89010PFX.....Epic Gold Glitter
10988PFX.....Epic Liquid Silver
10989PFX.....Epic Liquid Gold
15370PFX.....Epic Silver Shimmer
85470PFX.....Epic Brt. Gold Shimmer
85570PFX.....Epic Ultra Gold Shimmer
15340PFX.....Epic Yellow Sparkle
99900PFX.....Epic Phosphorescent
99950PFX.....Epic Kosmic Glo
99951PFX.....Epic Intense Kosmic Glo

Whites

11000PFW.....Epic LB White
11001PFW.....Epic Cotton White
11000PFXBB.....Epic Brittle White

Additives

10250VB.....Viscosity Buster
10180Q1EA.....QuantumOne Emboss Additive
10840Q1SHA.....QuantumOne Soft Hand Additive
10150Q1FRC.....QuantumOne FR Concentrate
10180PFXFRA.....Foil Resist Additive

Analytical Report Summary

Bureau Veritas (Consumer Product Services Germany GmbH-ecb ONLINE) Laboratory accreditation – qualified to ISO /IEC 17027, EN 45001. EU accréditation No AKS-P-21303 –EU. Review ecb ONLINE report for Epic ink test method and results.

Phthalates:

DINP, DEHP, DNOP, DODP, BBP, DBP: Non-detected.

Heavy Metals:

Cadmium, Chromium, Lead, Mercury: Non-detected.

Organotin:

Tributyl tin (TBT), Triphenyl tin (TPhT), Monobutyl tin (MBT), Dibutyl tin (DBT), Tetrabutyl tin (TeBT), Monoctyl tin (MOT), Diocetyl tin (DOT): Non-detected.

Formaldehyde:

ISO 14184: Non-detected or below RSL quantity (Fluo's only).

EN71: Garments to be printed with Epic for children's wear, which may be chewed or sucked complies with EN71 Part 3: 1988 Safety of Toys –Specification for Migration of Certain Elements.

APEO'S (alkylphenol ethoxylates): PolyOne does not intentionally use nonylphenol ethoxylates (NPE), octylphenol ethoxylates (OPE) or alkylphenol ethoxylates (APEO) as a component in Wilflex inks. This statement is based upon information supplied to us by our suppliers and not actual product testing.