

The Ecolution ink line is the newest addition to the industry leading Wilflex ink portfolio. Wilflex Ecolution is a non-PVC, non-phthalate, plastisol screen printing ink system. Developed to meet the changing needs of today's market, Ecolution inks have been specially formulated to enable printers to create new ink capabilities while practicing traditional printing standards, applications, and efficiencies.



Ecolution on Blue Cotton



Ecolution on White Cotton



Ecolution on Black Cotton



Ecolution on White Cotton

Product Highlights

- ▶ Ecolution Inks set the standard as the most advanced non-PVC, non-phthalate ink system in today's market. Combining cutting edge technology with the changing trends in our marketplace, Ecolution inks fulfill compliance regulations and exceed printing expectations.
- ▶ Ecolution inks deliver superior on-press performance matched with exceptional product results and design flexibility.

eco Available Products

Ecolution Color Matching, Base & PC System

- ▶ Ecolution Base
- ▶ Ecolution Cotton White
- ▶ Ecolution Clear
- ▶ Ecolution Black
- ▶ Ecolution Special Effects
- ▶ Ecolution Additives

eco Product Features

- ▶ Non-PVC
- ▶ Non-phthalate
- ▶ Non-formaldehyde
- ▶ Non-heavy metals
- ▶ High opacity, vibrant colors
- ▶ Smooth hand finish
- ▶ Excellent elongation/stretch
- ▶ No post wash requirements

eco Press Performance

- ▶ Fast flash, low after tack
- ▶ Inks do not dry in screen
- ▶ Minimal dot gain
- ▶ Able to print through fine mesh counts, providing excellent halftones and allowing for great versatility with screen applications.
- ▶ Excellent high print production performance ensures superior, consistent quality.
- ▶ High repeatability allows printers to use production friendly parameters and obtain exceptional results.

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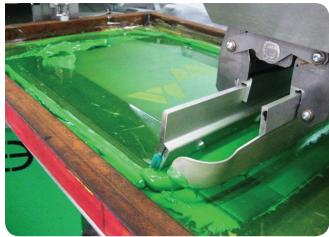
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The Ecolution Value

- ▶ Ecolution inks have been specially formulated by PolyOne to provide textile printers a non-PVC, non-phthalate ink solution. Ecolution inks can be printed using application parameters typical of standard plastisol inks, allowing printers use familiar standards associated with printing equipment, dryers, and print application methods and output.
- ▶ Ecolution Inks are highly productive, versatile, and deliver repeatable product results. The Ecolution ink system enables highly efficient production processes, increased design flexibility, and excellent product performance.



Ecolution on-press



Increase Productivity

Save Time

- ▶ Inks do not dry in screen- reducing lost labor production time by leaving inks in screen during print application lapses and during overnight down time.
- ▶ Applicable with all types of design including vector, vector/halftone, and raster/halftone.
- ▶ Print through higher mesh counts, reducing ink film thickness and requiring less time in dryer



On-Press



After Cure



Reduce Costs

Save Money

- ▶ Increased predictability eliminates need for additional sampling and ink waste
- ▶ Use less ink and eliminate multiple screens by printing at consistent, higher mesh counts
- ▶ PC Mixing System allows for simple integration or seamless crossover from our Epic non-phthalate ink system.

eco Maximize Value

- ▶ Ensure customer satisfaction with compliant, high-quality and versatile ink applications.
- ▶ Increase product quality, increase production volume, increase repeat orders and customer base.
- ▶ Maximize output from automatic printing processes.