



Hilord Chemical Corporation

Hilord Solvent Inks for Mutoh Toucan™ Printer

Why convert a Mutoh Toucan™ Printer to “Hilord’s” Solvent Inks?

Hilord Inks ensure:

- Vibrant, brilliant colors
- Excellent color gamut
- Color and density consistency between different batches
- Extended outdoor durability: if using 3M Scotchcal™, five (5) years; if using a general purpose vinyl media, three (3) years
- Less odor than OEM solvent inks
- Minimum maintenance whether the printer is in use or idle
- No clogged nozzles thus ensuring better print quality
- Less wear on the print heads
- Competitively priced

Testing: Hilord controls the following parameters for every lot in order to insure a consistent product:

Physical Parameters:

- Viscosity
- Specific gravity
- Surface tension (dynamic and static)
- Particle size distribution
- Aging tests
- Filtration
- Oven and freezer tests

Print Data:

- Reflective density
- Lab colorspace



Strike a colorful pose using Hilord Inks.

Test Prints using 3M Scotchcal™ Media:

- Stress test prints - No maintenance.
- Various application prints - No maintenance

To Sum Up: Hilord’s matched component system; color curves, inks, coatings and 3M Scotchcal™ media, keep operation costs at a minimum!

Installation Procedure for Installing Hilord Solvent Inks to a MutohToucan™ Printer

The following procedure explains in detail how to install Hilord Solvent Inks in a Mutoh™ Solvent Printer. There are two types of flushes and one analog that are needed during this procedure:



1. The first is the Mutoh Toucan™ Flush that is used with the Mutoh Solvent Inks.
2. The second is the “**HILORD FLUSH**” - a transitional flush used between the first and the third flush.
3. The third is the “**HILORD ANALOG**” - an analog that is compatible with the Hilord Solvent Inks.

There are four parts in this procedure:

1. Toucan™ inks will be flushed out of the machine with the Mutoh Toucan™ Flush.
2. The Toucan™ Flush will be flushed out with the Hilord Flush.
3. Hilord Solvent Flush will be flushed out with Hilord Analog.
4. Hilord Solvent Analog will be drained out and Hilord Solvent Inks will be installed in the machine.

Note: To ensure successful installation of Hilord Solvent Inks, it is very important that the two flushes and the one analog are used according to the procedure.

Please follow *all* the steps listed below:

- Step #1:** Replace all the bottles in the ink tray with bottles containing Mutoh Toucan™ Flush.
- Step #2:** Perform maintenance and cleaning cycles until all the heads are completely clean.
- Step #3:** Replace all the bottles in the ink tray with bottles labeled “**HILORD FLUSH.**”
- Step #4:** Perform several cleaning cycles to ensure that the Toucan™ Flush is flushed out.
- Step #5:** Replace all the bottles in the ink tray with bottles labeled “**HILORD ANALOG.**”
- Step #6:** Perform several cleaning cycles to ensure that the “**HILORD FLUSH**” is flushed out.
- Step #7:** Install Hilord Solvent Inks.
- Step #8:** Perform several cleaning cycles and run a print test.
- Step #9:** If there are dropouts, repeat step # 8 until a satisfactory print is obtained.

You have now successfully installed Hilord Solvent Ink.

Satisfaction Guaranteed

This product was the result of extensive ink research and development that included testing for compatibility with printer components. It produces exceptional color quality and offers excellent ink yield and printer reliability when correctly used in imaging applications in the Scitex printer with 3M Scotchcal™ media. Hilord inks are guaranteed to be stable and useable products for up to one year from the date of manufacture with proper use and normal storage conditions, and can be used with absolute confidence as a replacement for the ink originally supplied by the printer manufacturer.

Hilord Chemical Corporation

70 Engineers Road
Hauppauge, New York 11788 USA
Telephone: 631-234-7373, 1-800-645-1022
Fax: 631-234-4597
Email: info@hilord.com
Web Site: www.hilord.com

Hilord Europe:

Copira Aps
Telephone: ++45-49767676
Email: info@copira.dk

If you have any questions regarding this procedure, please contact Hilord Chemical at 631-234-7373 and request to speak to the Product Manager.