

New ECO-SOL MAX Ink For Roland Mild Solvent Printers and Printer/Cutters

Frequently Asked Questions

[New ECO-SOL MAX INK FREQUENTLY ASKED QUESTIONS](#)

Q. What is unique about these new inks?

A. ECO-SOL MAX represents a major step forward for Roland ink technology, offering greatly improved ink dry time, increased color gamut and excellent scratch resistance. Because ECO-SOL MAX is based on Roland's award-winning eco-solvent ink technology, it is virtually odor-free, emits no harmful VOCs and requires no special ventilation or environmental equipment. Best of all, ECO-SOL MAX lists for 20% less than ECO-SOL INK which it replaces.

Q. What printer models support ECO-SOL MAX?

A. ECO-SOL MAX performs with all Roland eco-solvent printers including the SC-500, SC-540, SJ-640/740, SC-545, SP-300 and SP-540 printers. Printers designed to operate with internal heaters can print on uncoated media with ECO-SOL MAX.

Q. How do I convert from standard mild solvent SOL or Eco-SOL ink to the new ECO-SOL MAX ink?

A. Any printer designed to work with Eco-SOL (ESL) inks can be easily converted for ECO-SOL MAX inks. However, all the ink colors need to be replaced simultaneously to properly complete the conversion.

The process is as follows: First update to the newest firmware. This firmware will support ECO-SOL MAX inks and the upgrade procedure.

This firmware upgrade will add a new command to the INK CONTROL section of the User Menu. Selecting INK CHANGE command will start the upgrade process from ECO-SOL to ECO-SOL MAX inks.

Once selected the user will receive a prompt to remove the existing ink cartridges. The unit will then automatically perform a pump-up to clean to the ink lines. No cleaning cartridges or user intervention will be needed. Once the pump-up is finished, there will be a prompt to install the new ECO-SOL MAX cartridges. The unit will then automatically perform an ink fill and return to the standby state.

Please remember to upgrade your RIP with the newest profiles from Roland DGA. This will allow you to enjoy the increased color gamut of the ECO-SOL MAX inks.

Q. What are the price and part numbers for ECO-SOL MAX?

A. Pricing for ECO-SOL MAX is \$59.99 per 220 ml cartridge.
Part numbers are as follows:

ESL3-BK
ESL3-CY
ESL3-MG
ESL3-YE
ESL3-LC
ESL3-LM

Q. When will ECO-SOL MAX be available?

A. September 2005

Q. Do the new inks require special ventilation?

A. No. Roland's new advanced ECO-SOL MAX ink is environmentally friendly, contains no harmful VOCs, and requires no special ventilation equipment.

Q. What types of media are compatible with ECO-SOL MAX?

A. Roland's line of eco-solvent media is compatible with new ECO-SOL MAX inks. This includes ESM, SCM and certain PCM and PGM materials such as Matte and Glossy Calendered Vinyl and Premium Cast Vinyl.

Due to a quicker drying time, some media options deliver better image quality than others. To help ensure results, we will offer the appropriate profiles by media and machine type.

Printers designed to operate with heat can print on uncoated media (the ESM media line). When using ECO-SOL MAX with a printer that requires coated or treated media, select SCM, PGM or PCM media.

Q. How durable are ECO-SOL MAX prints?

A. ECO-SOL MAX's faster dry time and improved scratch resistance makes it ideal for banners and other applications that involve complex finishing techniques. ECO-SOL MAX maintains image quality through welding, sewing and the attachment of grommets – without requiring any special handling.

Durability of prints always varies by application. ECO-SOL MAX prints can remain durable up to 3 years outdoors without lamination.

Q. What is the average ECO-SOL MAX running cost (ink and media)?

A. We are still in the testing process, and running costs are still to be determined.

The total cost per square foot will vary depending on the printer, media, ink configuration, image density and printer speed.

Q. Are new profiles required for ECO-SOL MAX?

A. Yes. New profiles are required due to the expanded color gamut and other unique properties of ECO-SOL MAX. Roland media profiles will be available from the Roland Website when the ink becomes available. Please consult our Website for a list of available profiles (www.rolanddga.com).

For Roland VersaWorks users, automatic downloading of profiles as well as software updates, please use VersaWorks Roland@NET feature.

Q. What is the ECO-SOL MAX print resolution?

A. Print resolutions remain unchanged with the introduction of ECO-SOL MAX. It is possible that some print modes will change to reflect the greater capabilities of the ECO-SOL MAX inks.

Q. Can I use third-party RIP software with these new inks?

A. Third-party RIP suppliers are aware of ECO-SOL MAX, and we expect them to provide profiles as soon as possible.