

ROLAND'S AWARD-WINNING ECO-UV® AND ECO-UV S INKS



ECO-UV & ECO-UV S | VersaUV® LEC/LEJ/LEF

Instant drying and flexible, ECO-UV and ECO-UV S inks deliver high color density and a wide gamut for stunning images. Prints can be stretched around curved surfaces and edges without cracking. ECO-UV clear coat (ECO-UV only) provides an unprecedented high gloss finish and improves scratch and chemical resistance for greater outdoor durability. Those wishing to use CMYK and white ink only (CMYK + white + white) can select ECO UV S ink for added flexibility. ECO-UV S stretches up to 220 percent with no signs of peeling and cracking, making it ideal for printing on shrink sleeves and shrink wraps, wrapping PET bottles, and for vacuum-forming applications.

ECO-UV & ECO-UV S features:

- Optimized for the VersaUV curing system for perfect curing at all speeds
- Cured inks are highly flexible, enabling stretching and application to curved surfaces without cracking
- Compatibility with both coated and uncoated media

Additional ECO-UV S features:

- Available in CMYK + WW (not available in clear coat)
- Stretches up to 220%
- Ideal for prototyping of shrink wraps, PET bottles and thermo-forming
- Available for use with VersaUV LEC and LEJ devices only





"We use our VersaUV to produce prototypes and comps on just about any material you can imagine. The quality of Roland inks is exceptional. We can produce a very opaque white which is important when printing on foils. The clear coat is a huge plus, too, allowing us to show our customers very realistic comps."

Steve Coy, Wynalda Litho | Belmont, Michigan

Print on Virtually Any Surface

Instant drying and highly flexible, ECO-UV inks are perfect for labels, package prototypes and a wide range of specialty graphics, printing on flexible and rigid media commonly used in commercial printing – as well as on gifts, promotional items and other three-dimensional objects – all without any signs of peeling or cracking around curves and edges.

With the LEC series and LEJ-640, you can print on foils, BOPP, PE, PET film, offset printing stock and heat-sensitive media such as shrink wrap, pressure sensitive media and paper stocks. Synthetic and natural leathers, tapestries and other interior décor items are supported as well. Users of the LEJ-640 can also print on foam board, corrugated boards and other rigid materials up to a half inch thick. LEF-12 users can print ECO-UV inks directly on three-dimensional items ranging from pens, golf balls and key chains to awards, trophies, photo frames, smart phone covers and notebook computers.

Specialty Inks Open Up Design Options

With ECO-UV, you can explore your creativity thanks to white and clear specialty inks. High-opacity white ink produces crisp, bold white text and graphics on clear, reflective and colored substrates, and can also be used as an undercoat to brighten the appearance of full color images. Clear coat creates premium gloss and matte finishes for interesting tactile effects, including embossing and spot varnishing. A special texture library included in VersaWorks allows you to choose from more than 70 ready-to-apply options.

Choose from Two Formulations

For maximum versatility, ECO-UV comes in two formulations. Available in all colors (CMYK, white and clear), original ECO-UV is offered for all VersaUV models. For LEC and LEJ users working with the complexities of shrink films, PET bottles and thermoforming applications, ECO-UV S is also available (CMYK and white only). ECO-UV S inks stretch up to 220 percent for even greater flexibility than original ECO-UV.

Automated Maintenance for Reduced Ink Costs

To reduce your maintenance requirements and costs, all VersaUV models come with automated maintenance features, including an advanced ink circulation system that prevents the white ink particles from settling in the lines. This innovative system, exclusive to Roland, ensures consistent print quality, preserves the long-term performance of the printer, and dramatically lowers the overall production costs for white ink applications.

When using ECO-UV or ECO-UV S ink, room ventilation and a Roland approved air filtration unit are required.

Lasting Image Quality Indoors and Out

Although primarily designed for indoor applications, ECO-UV inks maintain their image quality outdoors for six months without clear coat. When ECO-UV's clear coat is applied as a protective layer, graphics are durable outdoors for up to two years.

 For more information, including testimonials by Roland users, visit www.rolanddga.com/ink.



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