

SLV Series

High Gloss UV Ink for flexographic printing of paper, film and shrink substrates

SLV Series

SLV series UV flexo inks are designed for use with all common flexo substrates. Fujifilm Sericol SLV inks offer superb dot reproduction, maintain crisp print definition, sharp copy and clean reverses without the gain typical of water or solvent based flexo inks..

The SLV Series Inks also have good flow and leveling properties and a high gloss level with excellent intercoat adhesion, trapping properties and balanced cure rates.

SLV was formulated to have optimal coefficient of friction for seaming and container application processes in shrink applications. SLV has been designed to shrink to the maximum percentages of films available on the market today.

Uvivid Varnishes Key Features:

- Ultra low viscosity
- Fast cure
- High color density
- Superb dot reproduction
- Suitable for use on multiple substrates including paper and film (including shrink substrates)
- Excellent intercoat adhesion
- High gloss finish
- Hi slip for bottle application
- Low odor
- High abrasion resistance
- No foaming on press applications

Media Type

- Paper Stock
- Supported Film
- Unsupported Film
- Shrink Film

PRINTING RECOMMENDATIONS

SLV series inks were developed to be used with the finest anilox roll cell counts available to maximize print quality and improve ink mileage. Line colors were designed to be run on anilox rolls from 300 cells per inch and up. Process colors can be successfully printed with aniloxes up to 1500 cells per inch. Increased color strength can be achieved with the use of a higher BCM volume. SLV Series Inks are compatible with all plates designed to work with UV based inks.

SLV-LDW (last down white) can be ran as high as 9.0 BCM for shink applications. Higher opacities can be achieved with multiple hits of white. Either the SLV-LDW or SLV-LDC must be printed on the final print station to make possible the post printing processes.

EXTENDER

The SLV Series Inks can be extended with SLV-MX Mixing Clear to reduce color strength if a lower BCM alternative is not available.

CURING

Excellent cure and adhesion are usually attained immediately upon curing; however, maximum adhesion, chemical and mar resistance may not be attained until 24 hours after curing.

WASH UP

Anilox rolls can be washed up with Xtend Press Wash and after the production with Xtend Ink Degradents. Xtend ink Degradents should be rinsed out with water before reusing the anilox.

Dr. Blades, Ink Pumps and Rollers can also be cleaned according to the following diagram:

	Anilox, Dr. Blades, Ink Pans	Rollers
Xtend XPW-800 Roller Wash	✓	✓
Xtend XPW-105 Press Wash	✓	Do not Use
For plates use your supplier recommended cleaner.		

PRE-PRODUCTION TESTS

SLV Series Inks have been formulated to adhere to most top coated or corona treated plastic materials with surface tension levels of 38-40 dyne/cm or higher. It is strongly recommended that all substrates be tested before use, as supposedly similar substrates can vary between manufactures, and even between different rolls and lots from the same manufacturer.

END-USER MUST DETERMINE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.

SPECIAL COLOR MATCHES

Special colors can be supplied against prints, wet ink, Pantone® numbers, or other Fujifilm Sericol standard colors. A database of suggested formulas to be used with SLV to match the Pantone Guides can be found at http://www.fujifilmsericol.com/techsupport/formula_guides.html

STORAGE

Containers should be tightly closed immediately after use. At the end of long printing runs, surplus ink from the ink tray should be disposed of. Inks and additives should not be stored in direct sunlight or extreme temperature. Refer to Material Safety Data Sheet (MSDS) for materials and conditions to be avoided.

In the interest of maximum shelf life, storage temperatures should be between 50°F (10°C) and 77°F (25°C). When stored under these conditions the maximum shelf life is shown by the use by dates, which are clearly marked on all ink containers.

SAFETY AND HANDLING

Refer to MSDS for safety, handling, and waste disposal information.

SPECIFICATIONS: UVIVID VARNISHES

Standard Color Range

- ▶ SLV-004 - Process Black*
- ▶ SLV-021 - Orange
- ▶ SLV-032 - Red
- ▶ SLV-064 - Process Yellow*
- ▶ SLV-127 - Violet
- ▶ SLV-155 - Rubine*
- ▶ SLV-160 - Rhodamine
- ▶ SLV-175 - Purple
- ▶ SLV-180 - Warm Red
- ▶ SLV-190 - Process Blue - Cyan*
- ▶ SLV-205 - Reflex Blue
- ▶ SLV-250 - Trans Yellow RS
- ▶ SLV-311 - Opaque White
- ▶ SLV-325 - Green
- ▶ SLV-MX - Mixing Clear
- ▶ SLV-SB - Shading Black

Process Colors

For process printing please use:

- ▶ SLV-004 - Process Black*
- ▶ SLV-064 - Process Yellow*
- ▶ SLV-165 - Process Magenta BS
- ▶ SLV-190 - Process Blue - Cyan*
- ▶ SLV-155 - Rubine*
- ▶ SLV-MX - Mixing Clear (process color reduction)

* Process Black, Process Yellow, Process Blue-Cyan and Rubine can be used as mixing or process colors.

Shrink Applications

- ▶ SLV-LDW - Last Down White
- ▶ SLV-LDC - Last Down Clear

Color Availability

The SLV flexo color range comprises standard Pantone® process and line colors, and additives.

Additives / Varnishes / Metallics

- ▶ SLV-TH - Thinner
- ▶ PFS29299 - Cure Promoter
- ▶ SLV977 - Sparkle Silver
- ▶ SLV-MMX - Metallic Mixing Clear (use with metallics and pearls)

*Pantone, Inc's check-standard trademark for reproduction and color reproduction



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THE FUJIFILM GREEN POLICY

We at Fujifilm believe that “sustainable development” of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.