

PRODUCT INFORMATION

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 applicationsty

SUBSTRATE APPLICATIONS

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

PRINT CHARACTERISTICS

SLV series UV flexo inks are designed for use with all common flexo substrates. Fujifilm 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..

POST PRINT CHARACTERISTICS FOR SHRINK APPLICATIONS

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.

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 shrink applications. Higher opacities can be achieved with multiple hits of white. Either the SLV-LDW or SLVLDLDC 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 standard colors.

A database of suggested formulas to be used with SLV to match the Pantone Guides.

STANDARD COLORS

ITEM	DESCRIPTION
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-301	Opaque Black
SLV-311	Opaque White
SLV-325	Green
SLV-MX	Mixing Clear
SLV-SB	Shading Black

PROCESS COLORS

ITEM DESCRIPTION

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 YELLOW, PROCESS BLUE-CYAN AND RUBINE CAN BE USED AS MIXING OR PROCESS COLORS.

SHRINK APPLICATIONS

ITEM DESCRIPTION

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

ITEM DESCRIPTION

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.

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.



FUJIFILM group
Green Policy

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.

The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.