



# SOLVENTLESS LAMINATION

## PRODUCT DESCRIPTION

As rules and regulations on harsh chemical solvents grow more stringent, Interactive Inks and Coatings has created a water-based ink solution for destructible bonds. Introducing Solventless Lamination (SL) Inks, designed to achieve a clean, destructible bond. With this advanced chemical engineering, these products can replicate the heat resistance and bond strengths of its counterparts in an environmentally friendly ink series.

## PRODUCT SPECS

PRODUCT CODE	BRIEF DESCRIPTION	
Laminating Film	Water Based Surface Print Ink System	
TECHNICAL INFORMATION	DESCRIPTIONS	NOTES
pH	8-9	
Viscosity	10-17	3-Zahn
Waterborne or Radiation Curing	Water	
Pigmented	Yes	
Appearance	Ink Color Dependent	

**WARNING:** Possible skin/eye irritant. Sensitization or other allergic reactions may occur. Reactions may not appear immediately after exposure. Avoid all eye and skin contact. Use in well ventilated area, avoid inhalation of vapors. If contact occur, immediately wash all affected areas with soap and water.

## APPLICATION RECOMMENDATIONS

APPLICATION METHOD	Flexographic printing application
SUBSTRATE	Coated paper, some coated film substrates
BCM VOLUME	1-5
CURE SPEED/PRINT SPEED	200 fpm-500 fpm (Press Dependent)
PROPER STORAGE AND HANDLING	Store in original container within a low humidity environment. Use proper handling equipment when in contact with this product.

## USES AND PRECAUTIONS:

Laminating Film offers excellent print quality, high gloss, bold colors, excellent adhesion, excellent bond strengths.

Allow at least 24 hour cure time before lamination for best results.

Interactive Inks and Coatings recommends pre-testing of this product under actual conditions prior to its use. Periodic checks are recommended to test for desired properties during the production run.

LAMINATION



## CHEMICAL RESISTANCE PROPERTIES

Interactive Inks Solventless Lamination system of printing ink (SL) was created in order to achieve the bond strengths necessary for destructible bonds between the printed substrate, ink film, adhesive film, and laminate without tunneling. With this self cross-linking series, water-based adhesive/inks lamination can rival the heat resistance and bond strengths of those created by a solvent-based series.

## STANDARD INK BLENDERS

COLOR	U.V. SKU FAST CURE	DESCRIPTION	LIGHT FASTNESS (BLUE WOOL VALUE)
	XPPB13-01	Pro. Blue	8
	XPPG13-01	Green	8
	XPWR13-03	Warm Red	5
	XPRR13-07	Rubine	5
	XPRR13-02	Rubine LF	6
	XPPV13-01	Violet	3
	XPPV13-02	Violet LF	8
	XPPP13-05	Purple	2
	XPRH13-05	Rhodamine	2
	XPRH13-02	Rhodamine LF	8
	XPYE13-04	Yellow	4
	XPYE13-03	Yellow LF	7
	XPPK13-05	Mixing Black	8
	XPPK10-7	Dense Black	8

## DON'T SEE EXACTLY WHAT YOU NEED?

Visit our website to learn more about customizing your ink series with Interactive Inks and Coatings!

[www.interactiveinks.com](http://www.interactiveinks.com)

All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for particular purpose, or representation, express or implied, for which seller assumes legal responsibility, and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning the possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommended to infringe on any patent.

LAMINATION