

# LED Curable Product Guide

PRODUCT	DESCRIPTION	BP FREE	RoHs
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## LED FLEXO INKS

883-0W Xtreme White 1st Down High Opacity	LED/UV dual cure 1st down high opacity bright white. Excellent adhesion, flexibility, shrinkability, overprintability & opacity for PS & shrink Labels. 5-20 BCM recommended. Formulated to provide exceptional opacity at Flexo coat weights & press speeds.	X	X
883NC-0W Xtreme White 1st Down Nestle Compliant	LED/UV dual cure 1st down Nestle Compliant, high opacity bright white. Excellent adhesion, flexibility, shrinkability, overprintability & opacity for PS & shrink Labels. 5-20 BCM recommended. Formulated to provide exceptional opacity at Flexo coat weights & press speeds.	X	X
782NB-0W Xtreme White 1st Down No Optical Brightener	LED/UV dual cure 1st down high opacity bright white. Excellent adhesion, flexibility, shrinkability, overprintability, & opacity for PS & shrink Labels. 5-20 BCM recommended. Formulated to provide exceptional opacity at flexo coat weights & press speeds.	X	X
799XS-20W Xtreme White 2nd Down Controlled Slip PFOA Free	LED/UV dual cure 2nd down, PFOA Free, controlled slip, high opacity bright white formulated for shrink applications. Superior adhesion, flexibility, shrinkability and opacity. Designed for maximum opacity & whiteness when used in tandem with 782NB-0W, 883-0W or 883NC-0W.	X	X
24621-77 Xtreme White Combo Screen/Flexo	LED/UV dual cure Combo Screen/Flexo high opacity bright white. Excellent adhesion, flexibility, shrinkability, overprintability, & opacity for PS & shrink sleeve Labels. 305/8% Rotary Screen 12-20 BCM recommended. Formulated for highest opacity fine screen/ flexo.	X	X
828TFG-SF Last Down High Clarity Slip Coat	LED/UV dual cure 2nd down, high clarity, slip coating (0.2-0.25 COF). Last down clear for shrink labels. Suitable for Shrink Cast & Cure. Resists cracking & fracturing during the shrink process, while maintaining excellent clarity. No silicone transfer to the sleeve surface.	X	X
UVFBS-215 Dense Black	LED/UV dual cure Flexo dense black formulated for PS and shrink applications. Excellent adhesion, flexibility, shrinkability, density & opacity. 1.5 to 2.5 BCM recommended.	X	X
UVI-FLUOR Day-Glo Fluorescent	LED/UV dual cure, Flexo applied day-glo, visible fluorescent ink series. Formulated for shrink and PS label applications. Standard fluorescent colorations available. 4.0-6.0 BCM anilox recommended.	X	X



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UVI-FLUOR Invisible Fluorescent Concentrates	LED/UV compatible invisible fluorescent paste concentrates for black light scannability. Compatible with non OB containing, free radical curing clear coats. Used in security applications. Red, Green, Yellow & Blue available.	X	X
UVI-GLO Glow-in-the Dark Ink Series	LED/UV dual cure, Flexo/Screen applied glow in the dark ink. Formulated for shrink & PS applications. Formulations tailored to job requirements/specs as well as application equipment available. .3 mil (7.5 micron) minimum deposit for approx. 5 minute duration of glow.	X	X

## TACTILE COATINGS

ST-15UVLED Soft Touch Very Durable	LED/UV dual cure Flexo, low odor, matte soft touch varnish. Shrink & PS label applications. Very good water, rub and scuff resistance. Gloss levels in the 9-15 range. Suggested anilox in the 5.0-7.0 BCM range.	X	X
UVI-DOME 220SP Gloss Hi Build Economy	LED/UV dual cure Screen/Flexo high build gloss tactile. Excellent flow, gloss, clarity and defoaming properties. Low shrink to prevent edge curl and film distortion. Fast curing at deposits from 15 to 70 microns.	X	X
UVI-DOME 209SPF Gloss Hi Build PS & Shrink	LED/UV dual cure Screen/Flexo, high build gloss tactile. Excellent gloss, clarity, and defoaming properties. Very good flexibility, suitable for up to 25% shrinkage, coat weight dependent. Fast curing at deposits from 15 to 70 microns.	X	X
UVI-DOME 230SP-LM Low Migration Gloss Hi Build PS & Shrink	LED/UV dual cure Screen/Flexo, low migration, high build gloss tactile. Excellent gloss, clarity, and defoaming properties. Very good flexibility, suitable for up to 20% shrinkage, coat weight dependent. Fast curing at deposits from 15 to 70 microns.	X	X
UVI-DOME 211SPM Matte Hi Build PS & Shrink	LED/UV dual cure Screen/Flexo high build matte tactile. Excellent flexibility, suitable for up to 25% shrinkage, coat weight dependent. Gloss readings in the 20-40 range coat weight dependent. Fast curing at deposits from 15 to 70 microns.	X	X
Glitter Series Glitter High Build Tactile	LED/UV dual cure Screen/Flexo high build glitter tactile. Excellent flexibility, suitable for up to 25% shrinkage coat weight dependent. Multiple colors available. Fast curing at deposits from 15 to 70 microns.	X	X

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## COATINGS - GLOSS & MATTE

UVI-GLOSS 24651-87 High Gloss High slip	LED curable, Flexo general purpose scuff & rub resistant high gloss varnish. Good water & solvent resistance. 80-90 gloss. 4.5-6.5 BCM anilox recommended. 150 fpm@13W/in - 395nm.	LED - X	X
UVI-CLEAR LED-HG92 High Gloss High Visc	LED curable Flexo, high viscosity, high gloss varnish formulated for overcoating digital inks. Good water & solvent resistance. 75-85 gloss stock dependent. 5.0-7.0 BCM anilox recommended LED - 125 fpm@13W/in. - 395nm	X	X
24694-87 Matte-Lightly Textured	LED curable, Flexo, lightly textured matte formulated for overcoating digital inks. Provides slightly toothy & grippy surface. Formulated for shrink & PS label applications. 10-15 gloss. 180 LPI 7.5-9.0 BCM range, 30 degree channel anilox recommended.	X	X

## ADHESIVES

### Laminating

UVLA-6 Low Extractables	LED/UV dual cure. Low extractables, low migration, & low odor for thru cure lamination of PET, PE & PP overlams. 5.5-8.0 BCM LED - 200FPM @ 13W/in - 395nm      UV - 200FPM @ 400w/in	X	X
UVLA-6NC Low Extractables	LED/UV dual cure. Nestle Compliant, low extractables, low migration, & low odor for thru cure lamination of PET, PE & PP overlams 5.5-8.0 BCM. LED - 200FPM @ 13W/in - 395nm      UV - 200FPM @ 400W/in	X	X

### Pressure Sensitive & Release

UVI-BOND PSA850LED-87	LED/UV dual cure, flexo, low odor, fast curing, high tack PSA. Used for ECL constructions or difficult lamination applications. 10.0-20.0 BCM anilox. LED - 200FPM @ 13W/in - 395nm      UV - 250FPM @ 400w/in	X	X
UVI-LEASE 24515LED-87	LED/UV dual cure, flexo, fast curing, free radical release coat. Used with PSA850LED-87 in the production of extended content labels. 4.0-8.0 BCM anilox stock dependent. LED - 200FPM @ 13W/in - 395nm      UV - 200FPM @ 400w/in	X	X
UVI-LEASE 201TR	LED/UV dual cure, flexo, fast curing, free radical release coat. Used with Select Label Stock adhesives in the production of extended content labels. 4.0-8.0 BCM anilox stock dependent. Cure Speed 200 ft/mn @ 400W/in-UV 200ft/mn @ 13W/in - LED 395nm	X	X

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## COLD FOIL ADHESIVES

21303F-87 CF Adhesive	LED/UV dual cure cold foil adhesive formulated for shrink & PS labels. Flexible and water resistant. 3.5-5.0 BCM anilox provides best adhesive wet out for void free foiling.	X	X
24635-87 CF Adhesive Non-Yellowing	LED/UV dual cure, non-yellowing cold foil adhesive for holographic non-metallized foils. Flexible & water resistant. 3.5-5.0 BCM anilox recommended for void free foiling.	X	X
23866-87 CF Adhesive High Speed	LED/UV dual cure, high speed, cold foil adhesive for shrink & PS labels. Flexible & water resistant. 3.5-5.0 BCM anilox provides best adhesive wet out for void free foiling.	X	X

## SPECIALTY INKS & COATINGS

UVI-PEARL Fine Series White Pearl Gold & Pastel Color Shift	LED/UV dual cure, Flexo applied, small particle white iridescent & color shifting coatings. The color shifting appears as a gold or pastel sheen dependent on viewing angle. Formulated for shrink & PS label applications. Good water, scuff, rub, & abrasion resistance. Suggested anilox 8.0-12.0 BCM. Imprintable formulations available.	X	X
UVI-PEARL Medium Series White Pearl, Gold & Pastel Color Shift	LED/UV dual cure, Flexo applied, medium particle white iridescent & color shifting coatings. The color shifting appears as gold or pastel dependent on viewing angle. Formulated for shrink & PS applications. Good water, scuff, rub, & abrasion resistance. Suggested anilox 12.0-18.0 BCM. Imprintable formulations available.	X	X
UVI-LASE DL-545 Datalase	LED/UV dual cure laser reactive white ink. Transitions from white to black when energized by a low energy CO2 laser. Non-yellowing, with good water & solvent resistance. Overcoating recommended. Excellent stability & runnability. 10-15 BCM, 30 degree channel recommended. LED - 200FPM @ 13W/in - 395nm      UV - 250FPM @ w00w/in	X	X
UVI-LASE DL-600.2D Datalase 2D Barcode Capable	LED/UV dual cure laser reactive white ink. Transitions from white to black when energized by a low energy CO2 laser. Non-yellowing, with good water & solvent resistance. Overcoating recommended. Excellent stability & runnability. 10-15 BCM, 30 degree channel recommended. LED - 200FPM @ 13W/in - 395nm      UV - 250FPM @ 400w/in	X	X
UVITEC 24341-P87 Primer	LED/UV dual cure Flexo, primer. Formulated to promote LED or UV ink adhesion to low energy films & foils. Low viscosity with excellent flow, flexibility, & optical clarity properties. 3.5-5.0 BCM recommended. LED - 200FPM @ 13W/in - 395nm      UV - 300FPM @ 400w/in	X	X