

Midacure® LED 42515 Series

LED Flexo Printing Inks

Flexographic Printing Inks for LED Curing Applications

As LED curing systems gain wider acceptance in the Flexographic industry, the obvious benefits of the systems have been widely recognized. Extended lamp life beyond 30,000 hours, instant on, “cool curing” with minimal heating and distortion of the substrate, reduced energy consumption, consistent depth of cure, no toxic mercury from the lamps and no ozone generation (and therefore no necessity for ventilation), are all significant benefits. It is expected that these improvements will continue and be enhanced as the technology advances. More and more flexographic LED systems are being installed and MIDAD having long recognized the potential benefits of this exciting new technology, is ready with inks that will meet or exceed your printing and curing requirements.

Our **Midacure® LED 42515 Series** Flexo inks offer excellent shelf stability, great runability on press, fast curing with most modern LED curing systems (and also cure under conventional Mercury UV systems), and are available in 4C, spot colors, metallics, and high opacity opaque whites for all label, sleeve and packaging applications.

Features

- Easy handling with excellent application and end use properties
- Applicable for shrink sleeve use on most common substrates
- Cures rapidly and completely with new LED curing units*
- Dual cure under Mercury UV
- Less waste
- Stable in container & on press
- Easy to wash up
- Very low odor**
- Low misting at high speeds
- Allows for a healthier pressroom environment by eliminating ozone

Applications

- Prime Label
- Shrink Sleeve
- Folding Carton
- Pharmaceutical
- Aluminum Foils
- Many others

* Note that LED units vary greatly in output depending on the manufacturer.

Press speeds may have to be adjusted downwards with lower power output systems.

** Although these inks have very low odor, they are not considered low migration formulas and cannot be used safely for those type of applications.

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Availability

- Process Colors
- Pantone Bases
- Metallics
- Opaque Whites

PROCESS INKS

Description	Product Code	** Blue Wool Fade	*Viscosity (sec)
Yellow	4251503	4	65
Magenta	4251502	4	45
Cyan	4251504	8	72
Black	4251505	8	30

BASE INKS

Description	Product Code	Blue Wool Fade	Viscosity (sec)
Warm Red	101/4251513	4	57
Rubine	102/	4	50
Rhodamine	750/4251512	7	105
Purple	775/4251511	7	90
Violet	700/4251510	7	20
Gold	950/	-	40

BASE INKS

Description	Product Code	Blue Wool Fade	Viscosity (sec)
Reflex Blue	600/4251507	7	48
Green	400/4251509	8	37
Orange	200/4251508	4	20
Blue 072	072/4251514	7	61
Silver	975/	-	35
Extender		N/A	25

HIGH OPACITY

Description	Product Code	Viscosity (sec)	Notes
Opaque White (silicone-free)	4251517	53	Superior opacity, anti-pinholing, excellent laydown, great coverage, high whiteness and low odor. Excellent durability and adhesion to prime label and packaging stocks.
Shrink Sealant White Sv3	4251506	34	Good opacity, anti-pinholing, excellent laydown, great coverage, high whiteness and low odor. Excellent durability and adhesion to prime label and packaging stocks.

*Viscosity (sec) by Zahn Cup-4 @ 25° c

**Blue Wool Fade range 1 through 8 where 8 is the best light fastness value

