

Midacure® 422 Series

Inks for Screen Printing

UV Screen Inks are formulated to raise the standard for UV screen printing performance, durability, and ease of application. **Midacure® 422 Series** is completely silicone- and wax-free, ensuring seamless transfer, hot stamping, overprinting, and lamination. By eliminating slip agents that can interfere with adhesion, it maximizes natural bonding for optimal results.

Engineered for precision, **Midacure® 422 Series** produces crisp, sharp lines with smooth, even leveling—without relying on ultra-low viscosities that can cause excessive press dripping. Its enhanced leveling properties deliver a superior, high-gloss finish, while faster air release improves print clarity and consistency. With increased resistance to contamination, **Midacure® 422 Series** consistently achieves cleaner, smoother, and glossier prints.

SSUV Series

Non-Siliconized Screen Printing Ink system eliminates contamination in combination printing. This SERIES is completely dedicated toward silicone-free production. Experience cleaner traps, mirror gloss, 100% ink transfer, hot-stamping and laminations highly enhanced over siliconized screen inks.

SSUV-PL Series

Silicone enhanced version of the **Midacure® 422 Series**. Enhances slip, anti-blocking, transfer and anti-pin holing unto low dyne level surfaces.

Substrates

(Note: 38+ Dyne Level Recommended. Corona treat as required)

- Polyolefins (BOPP, PE, PP, LDPE, HDPE)
- Coated and Uncoated Paper And Board Stocks
- Polyethylene Terephthalate (PET)
- Nitrocellulose
- Mylar
- Polyvinyl Chloride (PVC)
- Polycarbonates
- Highly Plasticized Vinyl And Polystyrenes
- Primed Or Top-Coated Metallized Surfaces
- Many Other Difficult Surfaces

Additives

- SSUV -001: UV THINNER TO REDUCE VISCOSITY (MAX addition 2% - 5%)
- SSUV -002: curing aid to increase curing speed (max addition 2% - 5%)
- SSUV -051: Transparent UV ink used to reduce color strength (as per printer's requirement)

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Silicone Free System

Features

- Excellent Film Formation With High Flexibility
- High Strength And Adhesion To Difficult Surfaces
- Automotive-grade Light Fastness
- High Air Release For Increased Press Speeds
- Ultra Opaque Whites
- Improved Thru-Cure In Highly Dense Blacks
- Chemical And Abrasion Resistance
- <1% VOC's

BASE INKS

Description	Product Code	Product Code	Blue Wool Fade
Process Magenta	SSUV -100	SSUV -PL100	4
Warm red	SSUV -101	SSUV -PL101	4
Rubine Red	SSUV -102	SSUV -PL102	4
Orange	SSUV -200	SSUV -PL200	4
Process Yellow	SSUV -300	SSUV -PL300	4
Yellow	SSUV -301	SSUV -PL301	8
Green	SSUV -400	SSUV -PL400	8
Process Cyan	SSUV -500	SSUV -PL500	8
Process Blue	SSUV -501	SSUV -PL501	8
Reflex Blue	SSUV -600	SSUV -PL600	7
Violet	SSUV -700	SSUV -PL700	3
Purple	SSUV -775	SSUV -PL775	7
Rhodamine	SSUV -750	SSUV -PL750	7
Process Black	SSUV -800	SSUV -PL800	8
Opaque Black	SSUV -OP800	SSUV -PLOP800	8
Opaque White	SSUV -Op900	SSUV -PLOp900	N/A
Red 032	SSUV -032	SSUV -PL032	4-5
Blue 072	SSUV -072	SSUV -PL072	7
Transparent White	SSUV -051	SSUV -PI051	N/A

*:Blue Wool Scale Range 1 through 8, where 8 is the best Light fastness value

