

UV Coatings and Overprints



This is a list and brief description of many of our most popular Kustom Kure UV coatings and overprints for litho and flexo applications. You can contact us for more information regarding our wide array of products for your special application.

UV Coatings

Gloss UV Coatings

KS-409 UV Coating for Web Offset Heatset Inks

Use: Publication cover or insert paper. KS-409 exhibits good adhesion when applied off-line to dried oil-based sheetfed inks and in-line heatset inks on paper substrate suitable for publication printing. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-427 High Gloss Flexible UV Coating

Use: Paper and paperboard substrates. KS-427 is formulated to exhibit good gloss, low-curl and excellent wetting properties when applied off-line over dried sheetfed oil-based. KS-427 is formulated to be applied in-line over UV inks and dried heatset inks. This product can also be evaluated for some digital applications. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-460 High Gloss Foil-Stampable UV Coating

Use: Paper and paperboard substrates. KS-460 is formulated to be evaluated for finishing properties like imprinting, foil stamping, laser receptivity, glue receptivity, writability and other finishing processes.. This coating can be applied off-line over dried oil-based sheetfed inks or in-line over UV and UV Hybrid inks. KS-460 is also suitable for use over water flexo inks.

KS-494 High Gloss Imprintable UV Coating

Use: Select paper and plastic stocks where imprinting is a requirement. KS-494 can be evaluated for excellent imprintability, glue receptivity, and other finishing properties. This coating is intended for use with UV inks only.

KS-552 Non-Skid, High Rub UV Coating for Aqueous Inks

Use: Paper, paperboard and corrugated substrates. This specialty product is recommended for use over water flexo inks where high slide angle and excellent rub resistance are important. In fact, KS-552 exhibits excellent rub resistance for a non-skid coating. This product is not suitable for imprinting, laminating, inkjet or glue receptivity.

KS-575 High Gloss Low-Fingerprint UV Coating

Use: Foil-coated paper and paperboard stocks. KS-575 exhibits exceptional gloss and fingerprint resistance when applied off-line over dried sheetfed oil-based inks and in-line over UV inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-579 High Gloss UV Coating (General Purpose/Low Viscosity)

Use: Paperboard substrates. KS-579 is formulated for superior gloss and cure speed when applied in-line over UV or UV hybrid ink systems for commercial sheetfed printing. This coating exhibits excellent cure response. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-584 High Gloss Dry Erase UV Coating

Use: Paper, paperboard and select plastic stocks. KS-584 is formulated for excellent gloss and Dry Erase marker wetting and clean up. This coating is intended for use with UV inks only. This product can be evaluated under production conditions for finishing processes like imprinting, laminating, etc.

KS-601 High Gloss UV Coating

Use: Paper and paperboard substrates. KS-601 is formulated to exhibit good gloss and adhesion when applied off-line over dried oil-based sheetfed inks or in-line over dried heatset inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-626 High Gloss UV Coating (General Purpose/High Viscosity)

Use: Paper and paperboard substrates. KS-626 is formulated for superior gloss and cure speed when applied in-line over sheetfed UV or UV hybrid ink systems for commercial sheetfed printing. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-646 Hot Foil-Stampable Flexible UV Coating

Use: Selected paper and select plastic stocks. KS-646 is formulated for superior finishing properties (imprinting, glue receptivity, foil-stamping, etc.) This coating also exhibits exceptional adhesion when applied in-line to dried heatset and dried oil-based sheetfed inks.

KS-660 High Gloss UV Coating for Water-Based Inks

Use: Paper and paperboard substrates. KS-660 is formulated to exhibit excellent gloss and good slip over water flexo inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-696 High Gloss UV Coating

Use: Select rigid plastic, paperboard and paper substrates. KS-696 is formulated to be Benzophenone-free, HDODA-free for low-odor properties. In addition, this coating exhibits good low-curl properties. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-21002 High Gloss UV Screen Coating

Use: Paper and paperboard stocks. General purpose screen UV coating with excellent gloss and fast cure over UV inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-21004 High Gloss Flexible UV Screen Coating

Use: Paper and paperboard substrates. KS-21004 is formulated as a flexible version of KS-21002 and can be applied off-line over dried oil-based sheetfed inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

Satin and Matte UV Coatings**KS-426 Matte UV Coating**

Use: Paper and paperboard substrates. KS-426 is formulated as a general purpose matte UV coating that exhibits excellent matteness with low thixotropy. This coating can be applied in-line over UV and UV Hybrid inks. Also suitable for use over dried water flexo inks.

KS-434 Satin UV Primer (primer version of KS-668)

Use: Paper and paperboard substrates. This product can be evaluated for finishing processes like imprinting, foil stamping, etc. KS-434 is formulated to be applied n-line over UV and UV Hybrid inks. Also suitable for use over dried water flexo inks.

KS-564 Matte UV Primer (primer version of KS-426)

Use: Paper and paperboard substrates. This product can be evaluated for finishing processes like imprinting, foil stamping, etc. In-line over UV and UV Hybrid inks, Also suitable for in-line use over water flexo inks.

KS-577 Satin UV Coating

Use: Paper and paperboard substrates. Off-line over dried sheetfed oil-based inks or in-line over dried heatset inks. Also suitable for in-line application over UV and UV Hybrid inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-668 Satin UV

Use: Paper and paperboard substrates. KS-668 is formulated as a general purpose satin UV coating that exhibits fast cure response and smooth finish with low thixotropy. It can be applied in-line over UV or UV Hybrid inks. Also suitable for in-line use over water flexo inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

UV Strike Thru Coatings

KS-453 Strike Thru UV Gloss Coating (Smooth with KB-3116)

Use: Paper and paperboard stocks. KS-453 is formulated for in-line application over KB-3116 for a smooth strike thru effect with superior gloss contrast. In-line over UV or UV Hybrid inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-688 Strike Thru UV Gloss Coating (Reticulation with KB-3115)

Use: Paper and paperboard. KS-688 is formulated for in-line application over KB-3115 for a reticulation strike thru effect. In-line over UV or UV Hybrid inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

UV Overprints (Applied through the ink fountain of an offset press)

High Gloss UV Overprint Varnishes

KS-404 High Gloss Litho UV OPV

Use: Paper, paperboard and select plastic stocks where litho criteria are needed to spot varnish. This product is formulated to exhibit outstanding gloss, hold-out and litho properties when applied in-line over UV or UV Hybrid inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-500 High Gloss Floodcoat UV OPV

Use: Paper and paperboard stocks. KS-500 is formulated to exhibit excellent gloss and clarity when applied in-line over UV or UV Hybrid inks. This is for floodcoat only. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-536 Floodcoat Ink Primer UV OPV for Plastic

Use: Plastic substrates. This product is formulated to be applied on problematic (low dyne level) plastic substrates as a 1/D print primer to enhance the adhesion of UV ink. KS-536 is not intended to be used as

a stand-alone primer. **NOTE: Another final 100% floodcoat of an appropriate UV coating will be required after the inks are printed.** All of these properties will have to be evaluated under production conditions to determine suitability for performance and end-use requirements.

KS-506 High Gloss Litho UV OPV

Use: Paper, paperboard substrates and some selected plastic stocks with a suitable dyne level. KS-506 is formulated to exhibit very good litho properties, good gloss and low misting on press. Apply KS-506 in-line over sheetfed UV-curable litho ink on paper and folding carton stocks. This product can be evaluated under production conditions for finishing processes like imprinting, laminating, etc.

KS-628 High Rub Gloss UV Litho OPV

Use: Paper and paperboard substrates. Applied in-line over UV or UV Hybrid inks. This product exhibits excellent rub resistance and is not suitable for imprinting, laminating, foil stamping, glue receptivity, etc. KS-628 exhibits excellent litho properties.

KS-644 High Gloss Imprintable Litho UV OPV

Use: Paper and paperboard. KS-644 is formulated to be applied in-line over UV and UV Hybrid litho ink. This product exhibits excellent imprintability and foil stampability (imprintable version of KS-565).

Satin and Matte UV Overprint Varnishes

KS-423 Gloss Release Floodcoat UV OPV

Use: Paper and paperboard substrates. This product is formulated to exhibit tape release. KS-423 exhibits an extremely low slide angle (COF) and is not suitable for imprinting, foil stamping, glue receptivity, etc.

KS-654 Satin Litho UV OPV for Plastic

Use: Paper, paperboard and select plastic stocks. Apply in-line over UV and UV Hybrid inks. KS-654 exhibits great hold-out properties. This product can be evaluated under production conditions for finishing processes like imprinting, laminating, etc.

KS-443 Matte Floodcoat UV OPV

Use: Paper, paperboard and select plastic substrates (suitable dyne level). Apply in-line over UV and UV Hybrid inks. KS-443 exhibits an exceptional matte finish with great litho properties. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

KS-583 Matte Imprintable Litho UV OPV

Use: Paper and paperboard substrates. Apply in-line over UV and UV Hybrid inks. KS-583 exhibits superb imprintability with excellent litho properties.

KS-585 Matte Litho UV OPV

Use: Paper and paperboard substrates. This product is a specialty UV Overprint Varnish that exhibits excellent matteness and low thixotropy with great litho properties. Apply in-line over UV and UV Hybrid inks. This product is not suitable for imprinting, laminating, inkjet receptivity or glue receptivity.

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