

# Aqueous Wet-Litho Coatings



*This is a list and brief description of many of our most popular Kustom Kote products. You can contact us for more information regarding our wide array of wet-litho coatings for your special application.*

## Gloss Coatings

### **KS-9000 General Purpose Coating**

Use: Paper and paperboard. This product is formulated for broad use in the pressroom as a single-sided coating with good gloss with rub properties. KS-9000 is also recommended for Strike-Thru with KB-3074 Strike-Thru OPV. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9007 Fast Drying Work & Turn Coating**

Use: Paper and paperboard substrates. This coating exhibits good gloss & rub properties with excellent Work & Turn properties. KS-9007 and KS-9007LV are our most popular Work & Turn coatings. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9020 Premium Gloss Coating**

Use: Paper and paperboard substrates. KS-9020 is lower in odor than most typical high gloss coatings. Typical applications include commercial or folding carton one-sided jobs where "Premium Gloss" is required. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9099 Low Odor, Gloss Aqueous Coating**

Use: Paper and paperboard substrates. KS-9099 was formulated specifically for use in pressrooms with low ceiling clearance and minimal exhaust in the vicinity of the press. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9103 Low Burn Gloss Aqueous Coating (Low VOC)**

Use: Paper and paperboard substrates. KS-9103 can be evaluated for use with alkali blue and other fugitive pigments. The potential for pigment burn always exists, even with products formulated for minimal risk. Testing for low burn is critical before entering into production. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9123 High Rub Work & Turn Coating (Contains PTFE)**

Use: Paper and paperboard substrates. KS-9123 is formulated for excellent rub resistance for a variety of applications. Because this product contains a significant wax/slip package, the slide angle (COF) is lower than coatings like KS-9007. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9202 Heat Resistant Coating**

Use: Paper and paperboard substrates. Ideal for resistance to high heat scenarios like the backside of blister cards, etc. KS-9202 is not suitable for any finishing processes like imprinting, UV Coating, laminating, glue receptivity, etc.

## **Satin and Matte Coatings**

### **KS-9418 Satin Coating (25-35 points 60° glossmeter)**

Use: Paper and paperboard substrates. KS-9418 exhibits excellent press performance, smoothness and non-burnishing characteristics. Typical applications include folding carton & commercial. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9401 Matte Coating (10-20 points 60° glossmeter)**

Use: Paper and paperboard substrates. KS-9401 exhibits excellent press performance, smoothness and non-burnishing characteristics. Typical applications include folding carton & commercial. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9457 Aqueous Low Curl Satin Coating**

Use: Problematic paper substrates. KS-9457 is formulated specifically for stocks that are prone to paper curl. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9461 Satin Sealer for Uncoated Stocks (40-50 points 60° gloss meter)**

Use: Paper and paperboard substrates. KS-9461 mimics the gloss of satin stock and seals the sheet. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

## **UV Primer Coatings (The following products can be evaluated for UV coating, hot foil stamping, film lamination & imprinting under press conditions to ensure performance properties and end-use requirements.)**

### **KS-9026 General Purpose Work & Turn Primer**

Use: Paper and paperboard substrates. KS-9026 is formulated as a stand-alone coating and UV primer (when one coating is desired across the pressroom). This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9203 General Purpose Aqueous Primer**

Use: Paper and paperboard substrates. KS-9203 is as a one-Side Aqueous Primer. This is our best primer for off-line finishing and can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9212 Satin Primer**

Use: Paper and paperboard substrates. Satin version of KS-9203. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9224 Matte Primer**

Use: Paper and paperboard substrates. Matte version of KS-9203. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

## **Coatings for Non-Porous Substrates (Polyboard, plastic, foil, etc.)**

### **KS-9018 Polyboard Gloss Coating**

Use: Polyboard and selected non-porous substrates. KS-9018 is formulated for use on polyboard for frozen food and ice cream packaging applications where specific resistance properties are required. This product is not intended for general use on plastic and other non-porous substrates without thorough testing on press. KS-9018 can also be considered for chemical-resistant applications. KS-9018 is not suitable for any finishing processes like imprinting, UV Coating, laminating, glue receptivity, etc.

### **KS-9236 Fast Drying Gloss Aqueous Coating for Plastic**

Use: Various plastic and non-porous substrates with a suitable surface treatment and 40+ dyne level. This coating is formulated for a variety of properties that include fast drying, minimal potential for ink reticulation, and reduced blocking potential. Many precautions are required when printing and coating on non-porous substrates. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

## **Web Heatset Coatings**

### **KS-9306 Low Viscosity Wet Trap Heatset Coating**

Use: Paper substrates. KS-9306 is formulated to wet-trap and dry properly over wet heatset ink. The printed/coated web would be dried in the convectional oven, probably at a reduced temperature to avoid cratering and volcanoes. This product is not suitable for any finishing processes like imprinting, UV Coating, laminating, glue receptivity, etc.

### **KS-9315 Web Heatset High Gloss Dry Trap Coating**

Use: Paper substrates. KS-9315 is formulated to exhibit high gloss in a dry trap application. This process requires a pass through another oven. This product is not suitable for any finishing processes like imprinting, UV Coating, laminating, glue receptivity, etc.

## **Specialty Coatings With Unique Properties**

### **KS-9002LV Non-Tarnishing Coating**

Use: Paper and paperboard substrates. KS-9002LV is formulated to wet trap over metallic inks with minimal potential to tarnish metallic gold inks. Care must be exercised to carefully test each ink formula and other variables. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9036 Vanilla-Scented Work & Turn Coating (scented KS-9007)**

Use: Paper and paperboard substrates. Ideal for many pressrooms with low ceilings or concerns regarding ammonia odor. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9117 Low Curl Gloss Aqueous Coating**

Use: Paper and paperboard substrates. KS-9063 is formulated for use on substrates that are prone to paper curl. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

### **KS-9076 Pearl Coating (Iriodin 100 Silver Pearl)**

Use: Paper and paperboard substrates. KS-9076 is formulated to bring a nice pearl effect to cosmetic packaging, specialty commercial, etc. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

**KS-9208 High Slide Angle Coating**

Use: applications where a higher slide angle is required for specialty applications. Care should be taken to evaluate rub resistance and other key properties. This product can be evaluated under production conditions for imprinting, laminating, UV Coating and other finishing processes.

**KS-9807 Aqueous "Soft-Feel" Matte Coating**

Use: Paper and paperboard substrates. KS-9807 is a tactile aqueous coating that is very pleasing to the sense of touch and exhibits an ultra-matte appearance that is visually stunning to the eye. The combination of these two effects will bring a new dimension to litho printing on paper and paperboard substrates. Typical applications include specialty folding cartons and labels. Soft-Feel is a durable coating that exhibits excellent rub properties. In addition, it is very likely that jobs overprinted with Soft-Feel can be spot UV-coated, hot foil stamped, imprinted, and evaluated for other finishing processes.

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