

Sheetfed Overprint Varnishes

No.	Description	Tack	Properties
GLOSS			
26240	Diamond Sheen	6.5	Maximum gloss, minimum yellowing for in-line wet trap applications
S-1300	Marlite	9.0	Mirror gloss finish (non-imprintable).
S-1026	L-6000 Gloss	9.0	Fast setting and good overall performance. Contains wax and is not imprintable.
S-500	Amerigloss	9.0	Exceptional press stability and gloss. Low-yellowing.
S-700	Soy Lite	8.0	Soy based. Very high gloss.
13974	Dri-Soy Gloss	13.5	Soy based, gloss: for waterless printing technologies.
WAX-FREE			
S-800	Mega Gloss Wax-Free	7.5	Excellent gloss. Suitable for foil stamping and imprinting.
DULL			
98692	Dull	9.0	Dull varnish for wet trap over gloss inks. Suitable for foil stamping. Imprintable.
All 1000	Drone	9-10	Provides the ultimate in matte appearance. Finishing friendly and suitable for wet-on-wet or wet-on-dry overprinting.
19645	Dri-Soy Dull	13.0	Soy based, dull: for waterless printing technologies.
HI-RUB			
94908	Hi-Rub Plus	5.0	Extremely good gloss and rub resistance.
KRYSTAL KOTE			
S-1302	Krystal Kote		Gloss, water based varnish that is applied through the ink fountain. Suitable as a U.V. primer coating.
S-1311	Hi-Gloss Krystal Kote		Superior gloss and stability as compared to S-1302. NOT SUITABLE AS A U.V. PRIMER.

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ABOUT OVERPRINT VARNISHES

Overprint varnishes may be thought of as colorless inks, and in fact, they perform much like any ink on press. The ideal overprint varnish will be colorless and transparent, but the materials used to manufacture varnishes tend to make them a pale amber color. Good varnishes are stable on press, dry rapidly and adhere well to printed stock. Overprint varnishes must also yield a noticeable gloss or dull finish.

The usual function of an overprint varnish is to protect the printed sheet against scuffing and scratching, while adding the desired amount of gloss, matte or dull finish. Dull varnishes are often used to decrease glare on glossy stocks thereby enhancing the readability of the text. They will also provide a measure of protection without the additional slip sometimes associated with gloss varnishes.

Combinations of dull and gloss varnishes may be used to achieve a variety of interesting effects. When varnishes are applied over an entire sheet, they can give sparkle or add a smooth satin finish. When used in selected areas as a spot-varnish, they can add crispness to the color and make the image stand apart. Tinted varnishes are occasionally used as a final color to give a subtle effect.

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