



UV Spot Coating

Spot Gloss, Matte UV, Raised UV, Some Solid Ink Colors, Glow-in-the-dark, Scratch-off, Glitter UV and more. UV Spot Gloss Coating is used to enhance the appearance of four color process by adding a high gloss finish over select print areas to highlight and “pop” images off the page.

Sheet Size	Minimum 14" x 20"	Maximum 28" x 41"
------------	-------------------	-------------------

Other Specifications	Calipers: .003-.050	Gripper Margin: 5/8"	Margin on other 3 sides: 1/2"
----------------------	------------------------	-------------------------	----------------------------------

Quality Control

Required for set up and quality control:

- Provide an Illustrator (AI) .PDF and/or .EPS format with outline of sheet size in register to the image that is to be spot coated.
- Provide one sample or press sheet
- Sheet weight of 3 pt. to 50 pt.
- Additional sheets for waste and make ready
- Any special requirements for coating, such as gloss level

Recommendations for Successful Results

Inks

- UV coatable inks must be used. Most inks contain silicones, waxes, Teflon, etc., which repel UV coating. Check with your ink supplier.
- Metallic inks require pre-testing
- to color shifting. Permanent, light fast pigments must be used when formulating colors
- Do not use alkali sensitive pigments
- Please allow ample drying times for all inks before coating.

Spray Powder

- Use a minimum of drying (spray) powders. Excess power makes the UV coating look gritty.

Paper

- Paper must be coated – uncoated, porous paper will absorb the UV liquid coating.
- Cast coated paper is not recommended due to yellowing and cracking problems.
- Finishing procedures should be completed within 7 days after coating to prevent possible cracking problems.
- Temperature of paper should be 60 to 80 degrees Fahrenheit before coating, paper that is too hot or too cold will not coat properly.
- If the UV Coated paper is to be folded, scored, or converted by die cutting, the grain of the paper must be taken into account.
- Alcohol free dampening solutions will increase ink-drying time required for successful coating
- Register tolerance + or - .005"

Note: MCD, Inc. will test coat your paper or inks at no charge. Call us if you have any questions.