

UV SPOT COATING INFORMATION SHEET

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 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 .PDF and/or .EPS format with outline of sheet size in register to the image that is to be spot coated. *(Please see “File Preparation – Preparing your Artwork” for further details)*
- Provide 1 (one) or all of the following: 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:

- Use a minimum of drying (spray) powders
- Use UV coatable inks (check with ink supplier)
- Metallic inks require pre-testing
- Certain colors – rhodamine red, purples, reflex blue (or a mixture of these) are particularly subject to color shifting. Permanent, light fast pigments must be used when formulating colors
- Do not use alkali sensitive pigments
- Paper must be coated
- Cast coated paper is not recommended
- Finishing procedures should be completed within 7 days after coating to prevent cracking problems
- Temperature of paper should be 60 to 80 degrees fahrenheit before coating
- Allow for adequate ink drying time
- Alcohol free dampening solutions will increase ink-drying time required for successful coating
- Register tolerance + or - .005”

INK RECOMMENDATIONS

UV Coat-able inks must be used. Most inks contain silicones, waxes, Teflon, etc. which repel UV Coating. Metallic inks, due to their nature, require pre-testing. Schedule ample drying time for all inks before coating. Certain colors – Rhodamine reds, purples, reflex blues (or mixtures of these) are particularly subject to color shifting. Permanent, light fast UV safe pigments must be used when formulating colors.

SPRAY POWDER NOTE

Use a minimum of drying (spray) powders. Excess powder makes the UV Coating gritty in appearance.

PAPER RECOMMENDATIONS

Specialty UV is needed for uncoated, porous paper will absorb the UV liquid coating. Finishing procedures (die cutting, scoring, folding, gluing, etc.) should be completed within 7 days after receipt of job to prevent possible cracking problems. Cast coated paper is not recommended for UV Coating because of yellowing and cracking problems.

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.

Temperature of the paper received should be 60-80 degrees F before coating. Paper that is too hot or cold will not coat properly.

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