

VARNISHES AND LAMINATIONS (Domestic Roll to Roll)

These varnishes and laminations will leave your bag with a beautiful finish as well as protect your printed image. Contact your Modern Arts customer care representative for samples of different varnishes and laminations.

Ultra Violet (UV) Varnish is an extremely high gloss varnish that rivals lamination without an extra step in the process.

- Applied while printing
- Available on all substrates
- Primers are necessary for uncoated papers
- Can be 100% overprint or a design spot print
- Can be applied only in preprint (not tail end)

High Gloss Varnish is a high gloss varnish that is overprinted on clay coat paper.

- Can be preprinted or tail printed

Matte Varnish is a satin finish varnish that is overprinted (mostly on clay coat paper) to mask the inherent gloss characteristics of the inks.

- Can be printed on both clay coat and uncoated paper
- Can be preprinted or tail printed

Standard Overprint Varnish provides color enhancement and depth of color and is used mainly when ink rub protection is needed.

- Overprinted on uncoated paper stocks (Kraft, White, Flipside, and Oatmeal)
- Improves metallic ink brightness and printability
- Can be preprinted or tail printed

Gray tinted varnish, generally light, is used to print a vertical mirage stripe pattern. These stripes create the illusion of an embossed pattern.

- Can be preprinted or tail printed

White Tinted Varnish is printed in many different patterns and graphic themes. It typically overprints other colors in order to simulate screens/tone-on-tone effects.

- Can intersect with white reverse in artwork without the need for mortise

Lamination Processes

Conventional Laminating is a process whereby the inks are printed on the paper stock (normally clay coat) and laminated to clear, unprinted lamination material (gloss or matte).

Reverse Print Laminating is a process in which the inks are printed on what will become the underside of the lamination material and then laminated to an unprinted, uncoated paper stock. This is typically limited to solid ink coverage's / logos, etc.

Lamination Types

Gloss Lamination

- Extremely high gloss lamination
- Can be applied to all standard substrates

Matte Lamination

- Satin finish lamination
- Can be applied to all standard substrates

Cost Drivers

The Cost Drivers for varnish and lamination options are as follows; for each list, the bulleted items are in order, beginning with the most economical option:

Varnishes and Laminations (uncoated papers)

- Standard Overprint Varnish
- High Gloss Varnish
- Matte Varnish
- Gloss UV Varnish
- High Gloss Lamination
- Matte Lamination

Varnishes and Laminations (coated papers)

- High Gloss Varnish
- Matte Varnish
- Pearlized Varnish
- Gloss UV Varnish
- Gloss Lamination
- Matte Lamination

Laminator Specifications:

Capabilities:

1. Polypropylene film to paper or board stock, both roll-to roll and in sheets (matte or gloss)
2. Paper to paper, in roll-to-roll and in sheets (natural, bleached or clay coated stock)
3. Paper to microcorrugated board in roll-to-roll and sheets.
4. Paper to cardboard stock (natural, bleached or clay coated stock)

Specs:

1. Usable working width: 1020 mm
2. Paper gram weight: 80 – 4600 gsm
3. Max paper size in case of sheets: 1020 x 965mm
4. Max roll diameter: 1020mm
5. Thickness and OPP diameter: 10 to 50 microns, dia 610, width 1016 mm
6. Thickness, size and dia of microcorrugated board : Thickness 1.5mm – 2mm, E-flute