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BRIGHTVIEW INTERNAL – GENERAL GUIDELINES FOR PRINTING AND INSTALLATION

Brightview Internal is a specially designed window film that uses new micro-suction technology to deliver a printable face which can also adhere directly to the inside of a window. Because of the unique coating this film requires special handling and care for maximum benefits.

We recommend individual testing be done before production. Settings and ink limits should be adjusted to suit your particular set-up. Performing a test prior to actual production can further minimize costly errors and help ensure the success of your project.

Design:

- In the design of your window graphics, avoid the use of dark colors over a wide area. The best use of window film comes from light colors with dark accents.
- Use large, clear and a clean font for any window perforated film.

Environment/handling:

- To make sure your window film provides you with the best visibility, the lighting should be brighter on the graphics side than on the interior side.
- The film can attract dirt and dust. The workspace should be clean with an area set aside to let the film dry.
- Do not use cotton gloves when handling, cotton fibers can stick to coating.
- As with all inkjet film wash hands to keep film free of oil and dirt.
- To avoid head strikes, make sure edges of film are flat, not damaged or curling up.
- Do not remove backer until installation.

Loading film:

- Due to the nature of the film, it can have the tendency to stick to pinch rollers and other parts of printers.
- When loading the printer, do not feed out excessive material due too the fact that the film is difficult to rewind.
- Make sure the edges of film are flat, not damaged or curling up to avoid head strikes.
- Depending on printer, try to avoid using edge guards especially for Roland or Mutoh printers.
- Test for your set-up.

Caution!

- Some printers load media different ways and have excess back and forth movements to align media. Watch media path when printer is loading.
- We recommend that you do not leave the film in the printer for long periods of time without printing.
- When finished printing, we recommend that you remove the unused film from the printer and place the film back in the original wrapping to protect against damage and contamination.

Heat settings: Pre: 40c~ 45c Print: 40~45c Post: 45c~50c

- Please remember heat varies from printer to printer watch for waving in material with excessive heat. Media is flexible when it exits the printer and is warm and requires support.

Ink saturation:

- We recommend 300% max ink limit. Do not use double strike. Excess ink that is laid down on the film can block suction cups with pigment and therefore can impede the adhesive qualities.
- Heavy dark colors are not recommended for this reason (heavy blacks etc.). We recommend starting at a lower ink limit and test for your application / set-up.

Take-up:

- Depending on printer and ink, take-up may be used. Leave a 4-6 inch leader to tape film to take-up core. Make sure media is rolling straight on the core as tunneling can cause damage to the film.
- This should be tested for your set-up.
- Brightview Internal can be left on take-up core to dry.

Drying time: Strictly 24 hours Minimum

- Since the film does not absorb ink and the solvent sits over the top, the film requires the solvent to de-gas completely. This may take longer with the use of mild or eco-solvent inks. The Gecko coating is very fragile (soft) after printing and can be marred or scratched when touched. After 24+ hours the coating is more resistant but still needs to be handled carefully.
- Brightview Internal can be left on take-up core to dry or can be laid out flat to dry. Several layers can be placed on top of each other to dry. When separating layers, roll 1 layer up (print side in) and place on table for finishing.

Finishing:

- Caution is required when touching the printed surface. Silicon release liner may be used to cover the printed surface to protect it during trimming and shipping. Be sure to cover prints when shipping on a core with the printed side facing out. Do not remove backer as the OCT coating will stick to back side of Brightview Internal. The PET backer is specially coated so the coating will not stick.

Installing:

- Make sure window has been cleaned and is free of any dirt, oil, tape, previous adhesives, etc.
- Use mild soap and water -- never a solvent-based glass cleaner like Windex, to wash the glass surface prior to installing the graphics. Application temperature should be a minimum of 15 degrees.
- Use a squeegee with gentle strokes from the middle out to install, then once installed remove backer. Install panel as any other interior window perforation, if you need to reposition the film pull diagonally (45 degrees) gently and reapply. The film can be reposition several times.

Removal:

- To remove, simply pull from the corner at a 45-degree angle with slow even pressure and Brightview Internal will release from the window. Depending on the ink saturation, "Pigment Transfer" might occur on the window where the graphic was installed. This can easily be removed with a cloth and water. Clean the window as usual and reapply the next new graphic of Brightview Internal.