

UV PRINTING SUBMISSION GUIDELINE

About

The UV printer uses a UV reactive substrate that can harden on most surfaces. It requires a concentrated UV light to harden the substrate, meaning you can not print on highly reflective surfaces. Besides that it can print on most flat surfaces. The printer uses a CMYK color scheme to print (meaning it can print full color), also has specialty inks, White & Clear Glossy

White can be used to make colors opaque or just to print white on darker or transparent surfaces. Over printing white will thicken the opacity of the white as well as adding a raise to the print. Clear Gloss is liquid lamination and over printing will thicken the gloss coat.

Limitations & Effects

Size

The printer can print upto a surface area of 20" by 13" and a max height of 4 inches.

The material is placed on a bed and can not exceed the bed, so all materials that exceed the max length (13") or width (20") can not be printed on or must be compacted to fit properly on the printer bed. For cloth or garments that exceed the bed try stretching and wrapping it around a flat board. Having it well stretched and flat as possible without wrinkles will guarantee a clean print.

For 2D (flat) objects

The material must be flat. If it is uneven or bumpy the printer will create black streaks across your print or not finish your print.

For 3D objects

The printer will try to print the highest point of your material. A good example would be the bottom of a cup. The bottom is flat and as long as the height of the cup does not exceed 4 inches the printer can print on the bottom of the cup. Where as if the printer tried to print along the sides the print will fuzz out as the curve drops.

Dark Colored Objects

If you intend to print on dark colored objects or surfaces you must use white as an underlay in your file setup if you want to see your design. The inks are translucent and will be nearly invisible against a dark surface. White ink will not show as clearly on fabrics and garments.

Taping / Full bleed printing

For materials that are thin and flat we use masking tape to stretch and further flatten the material to prepare it for printing. The printer can easily print beyond the border of your material but since some materials do need to be taped down so the edges of the material will not be printed on. Objects like plexi, metal sheets, and wood can be printed without any provisions and can be printed to full bleed. Make sure to indicate that you want a full bleed print and a bleed will need to be added to your file.

Double sided printing

The printer only prints one side at a time so we will need to manually flip the material to print double sided. This is will cause some miss alignments.

Over Printing

Over printing specific inks (mainly White & Gloss) will make them more opaque and will add a raised height to the print.

You can request us to overprint up to 5 times.

File setup

Setup your file on Adobe Illustrator

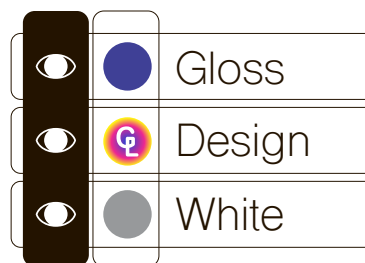
For each different material you are printing on make a separate .ai file.

If you intend to print the same design on several different materials make sure you indicate that in the email.

Make sure:

The artboard size is the size of the material you are printing on (MAX 20" by 13") / Your artboard has to always be in landscape (horizontal) / Color mode should be in RGB / All your images on the design layer are embedded / All the text are outlined

Make : Layers



The Gloss and White layer can only have vector shapes without strokes and where they are place is where the printer will print using gloss or white ink.

Gloss : shapes fill color is RGB Blue

Design : is for your Text & Art

White : shapes fill color is a 50 Grey

SIZE OF YOUR MATERIAL



Save & Label your file :

Lastname_Material you are printing on_date created (MM/DD)

Once your file is setup, send it to designlaborders@newschool.edu

Wait for your file to be approved and they will give you payment instructions. Payment will be determined by the size of your artboard and number of prints. A print is considered a print on one side of the material regardless of ink types.

A link with the amount to purchase will be sent to you once your file is approved.

Pricing

Based on the size of the material being printed

11" x 17" to 13" x 20"
= \$3

8.5" x 11" to 11" x 17"
= \$2

3" x 5" to 8.5" x 11"
= \$1

0" to 3" x 5"
= \$0.5

Payment & Refunds

The file will not be printed till the payment is processed

Reprints based on mistakes are free of charge.

Refunds can not be processed, but we can provide credit for future purchases.

Print Queue

Once jobs are approved and payment has been made they are placed on the queue. Jobs that require Gloss and or White take a long time to print (Up to 3 hours). The queue on average is 2 to 5 business days and can be backed up to 7 to 9 business days depending on the queue length.

Expedition of your job can be request only for thesis projects and will require your thesis professor's confirmation

