

Printing on canvas

Here are some quick instructions and basic settings for whenever you'd like to print on canvas.

The most important thing to remember when printing onto canvas is the table height. If you did not receive a canvas block (little black block smaller than the standard white gauge block) you can always check your height with your obstruction sensor. The closer you are to the print head, the better your final print will look.

First thing I'd recommend is taking some masking tape or scotch tape and put a small piece on each corner of the table to hold it in place.

Now let's place your canvas on the table and remember that you cannot let the canvas over hang too much into the back of the printer. I typically put less than an inch overhang towards the back and let the rest of the canvas hang out the front.

At this point I'd like you to adjust your table height so your print head is within a few MM of your print head. You can test the height with your obstruction sensor. If the table is too high it will trigger the sensor and I'd lower it just a hair. Once your height seems about right were on to the print settings.

Here are some standard settings I use when printing on canvas.

I'd recommend Light 2 Standard with quality set at superfine. If you want to get added detail unselect bi-directional printing under the ink settings.

For the canvas sheets we will be using our regular cotton ink, and the canvas doesn't not have to be treated prior to printing, since the sheet is already white we will not be using white ink.

TIPS:

Make sure you have your settings correct.

Medium 1 or Light 2 should be enough, you don't want to go higher or you will just be wasting ink and the print can start bleeding.

If you printing high resolution photographs or something with a lot of detail, you can switch your quality settings to super fine, but you will have to drop down your ink level to Light 1

I always like to keep my brightness up to around +15

Double check your table height and make sure the print head isn't going to touch the canvas sheet

Customer is about to print on canvas for the first time and wanted to know what settings to start out at. Told him to use Light settings such as a Light 2 Standard. Also told him to adjust the table height using the black gauge block. **Canvas: print on the smooth side up.**

Told him when pre-treating light shirts to spray them with distilled water first from a pump spray bottle and then while they were damp to pre-treat them; this helps dissipate the treatment a little more.

Told them what type of Canvas to use and gave them settings for printing a photo on a black shirt. Suggested using the white mixer to soften skin tones.

Printing on sweatpants

Q: I am trying to print on sweatpants. I pre-treated the pants. When I take off the press, the wax paper is pulling some of the ink off with it. I've included a picture of the image with white specs coming through. How do I get rid of this?

A: This will happen if you do not hover at the heat press or the color pass gets printed when the white underbase is too wet. Before printing, make sure to pre-press the area that is going to be printed on to flatten the fibers. Once the white pass has been printed, let it set for about 20 seconds or so before sending the printer back in for the color. Once the print is done, make sure to hover the heating element over the garment about 1 inch away for about 15-20 seconds. After that, put the paper down and press. Also, make sure to have a light pressure on the heat press. You do not want to have to strain to clamp the heat press down.

What type settings you would recommend? I am going to print on sports grey hooded sweatshirts.

I would use the default settings for the white ink but change the contrast to -40 to make the blue a little brighter, I would change the choke setting to 7 so that the smaller stars print better.

For the color pass I would first try Medium 2 standard on speed mode, lightness +5, Brightness +25 and contrast +10 (or +15 if the blue comes out darker than desired). If that does not give you good coverage and it appears as if you have a color heathering (will look as if you have lighter blue streaks for example) then I would use Light 2 standard mode on Super fine mode with the rest of the settings the same.