Decorative
(WALL DECOR / MURALS)

Display Graphics
(POP / SIGNS / BANNERS)

RIGID & BOARD MATERIAL

PHOTO INDUSTRIAL ART

Neenah WIDE FORMAT MEDIA

NEENAH

Wide Format Printer Profiles

Handling Tips - HP 300 Latex Series

Correction of blurry type and poor images

The print head and bi-directional printing alignments are likely off. This is due to using heavyweight media products to calibrate. If thicker substrates do not remain flat on the printer platen it may cause errors with printer optics when reading calibration prints.
<u>Tip</u>: Use lighter weight medias for all bi-direction calibration and print head alignment; however, all media feed and color calibration must be done using specific materials.

Resolution of the image

In the Onyx Software there are several resolutions (DPI's) and print passes to choose from. 150dpi and 300dpi resolutions were used thus causing poor type and image quality.
<u>Tip</u>: For high quality images, use only 600dpi resolution in 10 or 12 pass mode.

Problem with material head strikes

Heavyweight and pressure sensitive materials like Lustré Board and Endura Stick-P do not lay completely flat on printer platen causing head strikes and poor print quality. The material stiffness and caliper are not ideal for the L series latex printer.
<u>Tip</u>: Even using the edge guards you cannot start printing without head strike unless advancing the materials lead edge 12-18" out of the front of printer.

Problem with spotty and inconsistent density

Heavyweight and PSA materials like Lustré Board and Endura Stick-P are not staying flat and even in printer causing the center/middle of the material to come in contact with the airflow and dryer accessory attached to the front of printer. This can cause scrape lines and blotches in contact areas.
<u>Tip</u>: Take up reel to help keep consistent tension on material allowing it to lie even and flat when printing.

Things to remember

The core features of all profiles are: ink, heat, and vacuum. Adjusting some or all of these could solve most problems. In most cases bleeding is a direct cause of too much ink being used. If you lower the ink then you have to lower the heat. Same method for when you increase. All media is different but on average the recommendation is to start vacuum settings around 35%. Some media like Lustré Board or Blox-Lite require 80% plus. Edge guards are very helpful; however, sometimes on certain media they can cause pockets, more so in the middle. Best thing to do is lower the temperature and raise the vacuum.

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