

Banding.

Symptoms:

Random dark or light bands in area fills.

It is normally caused by cartridge problems like blocked, weak or misdirected nozzles. It could also be caused by a faulty electrical contact.

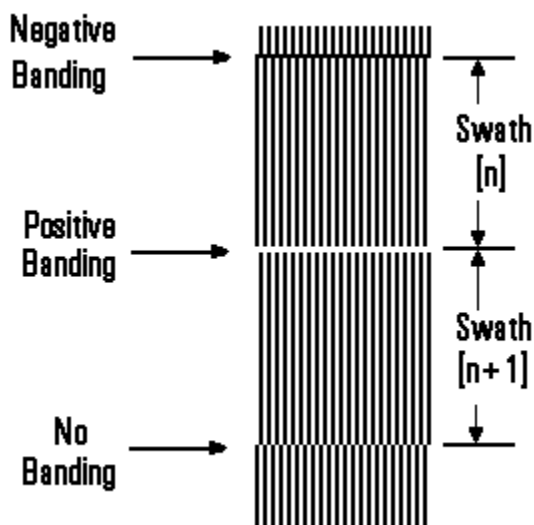
There are two different cases of banding:

1- **Negative banding.** This means that consecutive swaths overlap each other, creating dark bands.

2- **Positive banding.** This means that consecutive swaths do not touch, thus leaving a small gap between each other. This phenomenon creates white (or lighter) bands.

The error specification is +1.1 mils and - 1.7 mils, this is a range of 2.8 mils.

To see these errors on the Print Quality Plot, check the right part of the plot to identify the following drawings.



Corrective Actions.

- 1- Clean cartridges.
- 2- Swap cartridges in their chutes.
- 3- Replace the cartridges.
- 4- Perform accuracy calibration.
- 5- Replace encoder strip.

