



Tips from utopiaper.com

Struggling With Banding or Moiré Patterns?

Used on both sheet and web presses, stochastic printing uses tiny dots of ink to reproduce images. But unlike conventional line screening which is based on a grid pattern with dots changing size within the grid to create highlights, midtones, and shadow areas, stochastic screening employs variable data spacing and a fixed dot size. The very tiny dots are all the same size but randomly scattered – far apart in highlight areas and clustered closely together in shadow areas.

Sometimes referred to as FM screening (frequency modulated), stochastic screening offers a number of advantages:

- Better print quality
- Continuous tone-like images
- More vibrant color
- Greater color consistency
- Elimination of screen angles & moirés
- Smooth screen gradations