

CREATING TRANSPARENCIES FOR SCREEENPRINTING

To create a half-toned image from a 72 PPI Image onto an 8.5 x 11 inch transparency with an inkjet printer.

The transparency must be half toned so that there is enough space between the tiny dots of the printed image to allow the ink to pass through the screen (image may seem blurry).

Photoshop Method:

- 1). Open the image in Photoshop.
- 2). If necessary: Image Rotate CW 90.
- 3). Save As (Photoshop file)
- 4). Image Mode Grayscale
- 5). Optional step:
 manipulate with filters, adjust contrast, etc (then re-save image)
- 6). Filter Sharpen-Unsharp Mask (adjust as desired)
- 7). Image Resize to 7.5 width @ 600 DPI
- 8). View Fit to Screen
(to continue with Andromeda Screen method see below)
- 9). Image Mode Bitmap @ 300 PPI – Method = Halftone Screen
- 10). Screen Halftone Frequency 40 lpi Angle 45 Shape round dots
- 11). View at actual pixels to check pattern and shape of dots
- 12). Save

Print transparency:

- 1). The sticky side of the transparency should be the side printed on. Insert transparency into your printer accordingly.
- 2). File Page Set Up Manual Feed Portrait Format OK
- 3). To Print with advanced settings:
 - 1). Superfine Print Quality
 - 2). Ink Jet Canvas
 - 3). Error Diffusion
 - 4). Superfine Microweave
- 4). Print Black

Andromeda Screen method:

- 9). Image Size 300 PPI
- 10). Filter Andromeda Screen
- 11). Select the halftone pattern desired (for example: mezzotint)
- 12). Use 35 lines per inch for screen-printing
 Use 65 lines per inch for lithography or intaglio
- 13). Save