

Making masks from film output

1. Draw your design to scale in a program like Adobe Illustrator or Corel Draw. Use only black and white. Save your drawing as an Adobe Illustrator file (.AI) if using the Apple computer in Burlington Lab. Note that University computers have been upgraded Adobe Illustrator CS2, and have an error when saving to .AI. This version is not backwards compatible with Adobe Illustrator CS1. Save as Illustrator .EPS at the first dialog box, then select Illustrator CS1 .EPS (encapsulated post script) version at the second dialog box. Be sure “Embed All Fonts (for other applications)” and “Subset fonts when less than 100% of the characters are used” are checked.
2. Get a PO number from Linda or Rekha.
3. Email the file (saved as .AI or .EPS) to Phil at Film Graphics (jobs@filmgraphics.net) with the following specifications (see below for a sample email):
 - film output
 - 3556 DPI (dots per inch)
 - positive tone (i.e., print the file as it appears on the screen; don’t reverse it)
 - the PO number
 - your contact information
 - a request that the film be shipped via UPS
 - a request that they include an invoice
 - the mask should be printed such that when the emulsion side is face down, the letters read properly

For .AI Files:

Phil,

Attached is a file in Adobe Illustrator format that I would like printed as a film output. I would like it at 3556 DPI and positive tone (i.e., printed as it appears on the screen). The image should be printed such that when the emulsion side is face down the letters read properly. The PO number for this order is XXX. Please include an invoice with the order. The film can be shipped via UPS to the following address:

<Your name>
Department of Biomedical Engineering
North Carolina State University
2500 Stinson Drive
Room 2147
Raleigh, NC 27695-7115

Regards,

<Your name>

For .EPS Files:

Phil,

Attached is a file in Adobe Illustrator CS1 .EPS format that I would like printed as a film output. I would like it at 3556 DPI and positive tone (i.e., printed as it appears on the screen). The image should be printed such that when the emulsion side is face down the letters read properly. The PO number for this order is XXX. Please include an invoice with the order. The film can be shipped via UPS to the following address:

<Your name>
Department of Biomedical Engineering
North Carolina State University
2500 Stinson Drive
Room 2147
Raleigh, NC 27695-7115

Regards,

<Your name>

4. Once the order arrives, sign and date the order and check to confirm that it has been received. Submit the packing slip to Linda or Rekha. E-mail Rekha with the dollar amount and PO number. (The approximate dollar amount with shipping should be \$25).

Change log

1. (added) Be sure “Embed All Fonts (for other applications)” and “Subset fonts when less than 100% of the characters are used” are checked. (VG, 6/8/05)
2. (added) Sign and date the order and check to confirm that it has been received. Submit the packing slip to Linda or Rekha. (VG, 6/8/05)
3. (added) Save your drawing as an Adobe Illustrator file (.AI) if using the Apple computer in Burlington Lab. Note that University computers have been upgraded Adobe Illustrator CS2, and have an error when saving to .AI. This version is not backwards compatible with Adobe Illustrator CS1. Save as Illustrator .EPS at the first dialog box, then select Illustrator CS1 .EPS (encapsulated post script) version at the second dialog box. (CS, 1/31/06)
4. (added) Email the file (saved as .AI or .EPS) to Phil at Film Graphics (jobs@filmgraphics.net) with the following specifications (see below for a sample email) . (CS, 1/31/06)
5. (added) For .EPS Files Instructions.
6. Changed address.