

Photopolymer Plate Making

Digital File Setup

PREPARING DOCUMENT

Photopolymer Limits

No lines smaller than 0.25 point

No font smaller than 8pt

Any smaller, you run the risk of it not showing up once the print is made.

8.5x11 sheet – Maximum printable area of 8.26x10

17” roll – 16.75 maximum printing width

24” roll – 23.75 maximum printing width

300 resolution

Photopolymer Plate Sizes

A4 – 11.69 x 8.27 in

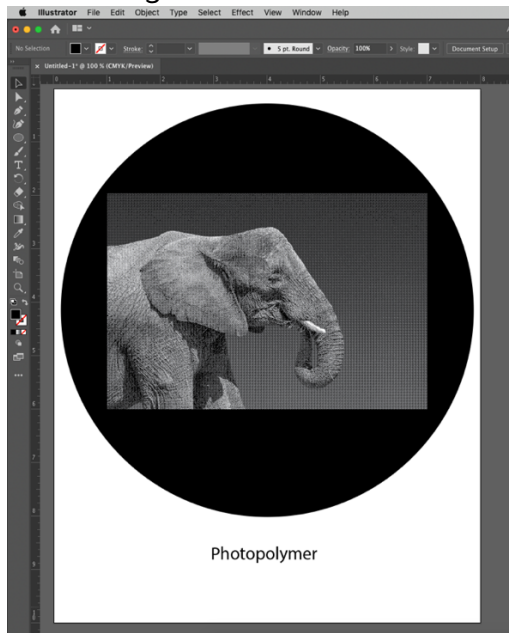
A3 – 16.53 x 11.69 in

Plates are hand cut from a larger plate, sizes can vary slightly.

EXPORTING DOCUMENT

Steps for exporting your final design from either Illustrator or InDesign

Final Design

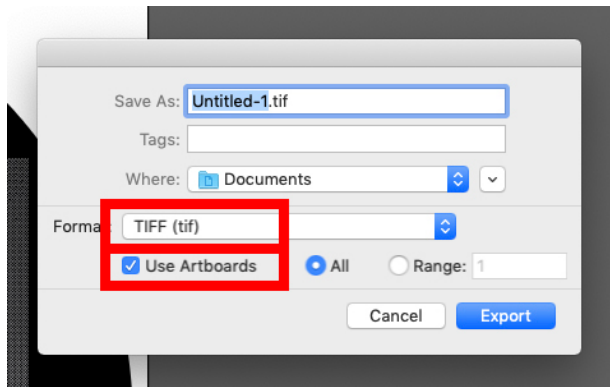


Illustrator

File > Export > Export As...

Save as TIFF or JPG

Select **Use Artboards**

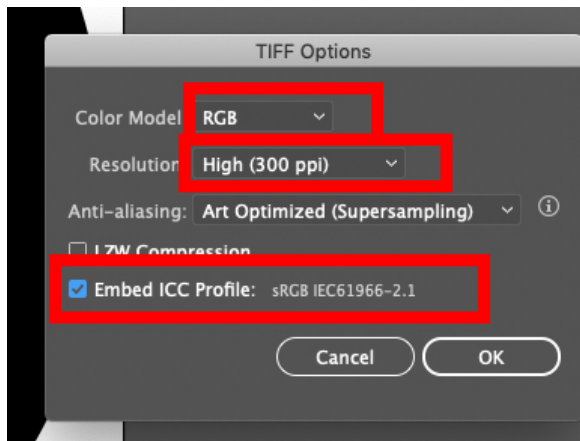


TIFF Options

RGB

300 Resolution

Embed ICC Profile



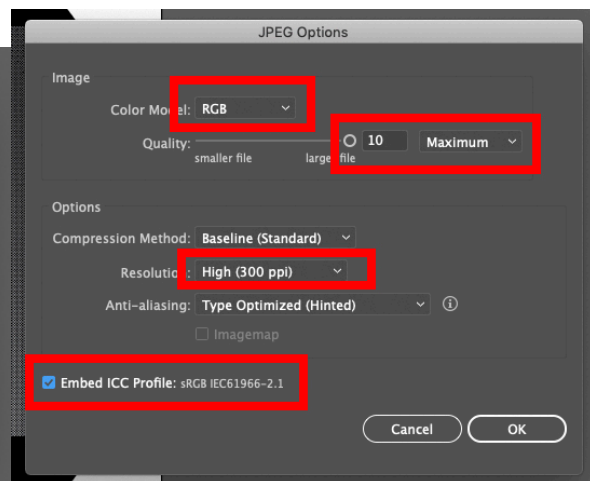
JPG Options

RGB

Quality 10 Max

300 Resolution

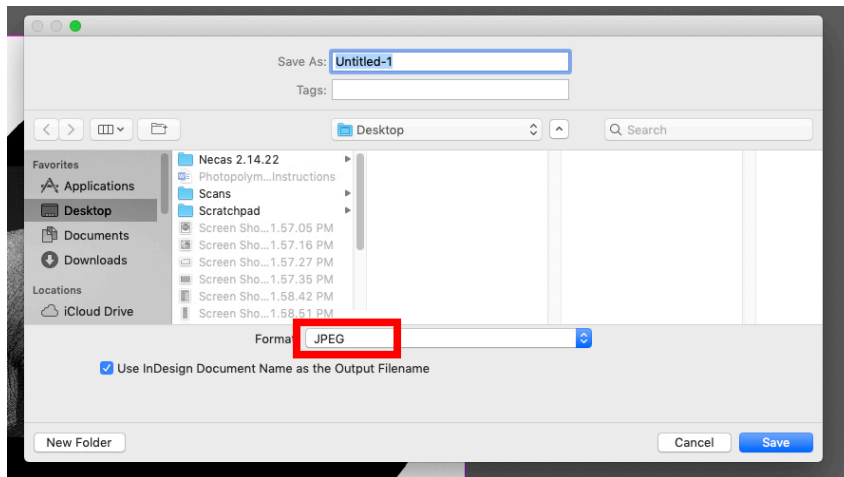
Embed ICC Profile



InDesign

File > Export

Save as JPEG (there is no TIFF option)



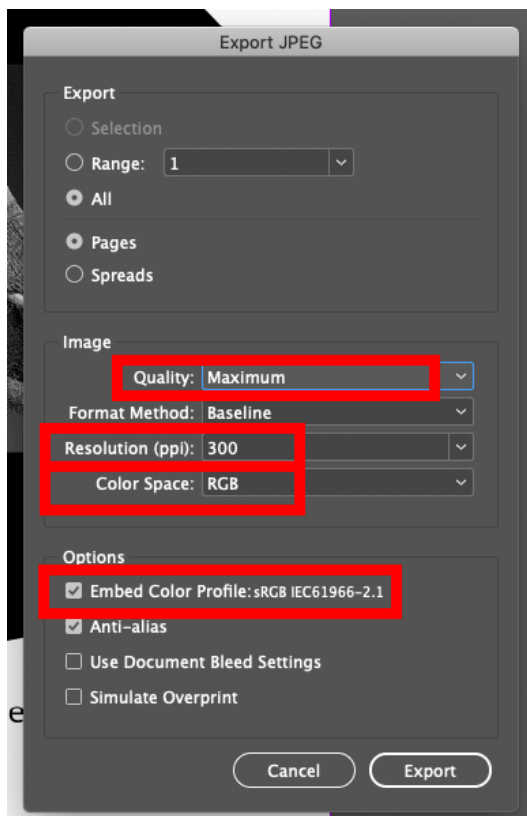
JPEG Settings

Quality – Maximum

Resolution – 300

Color Space – RGB

Select Embed Color Profile

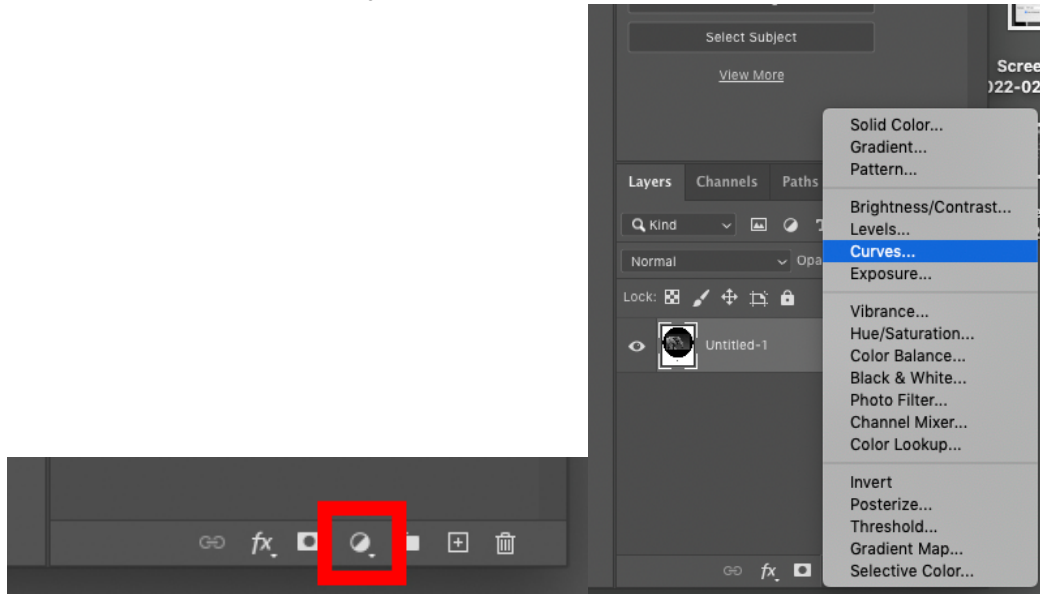


After your file is exported.

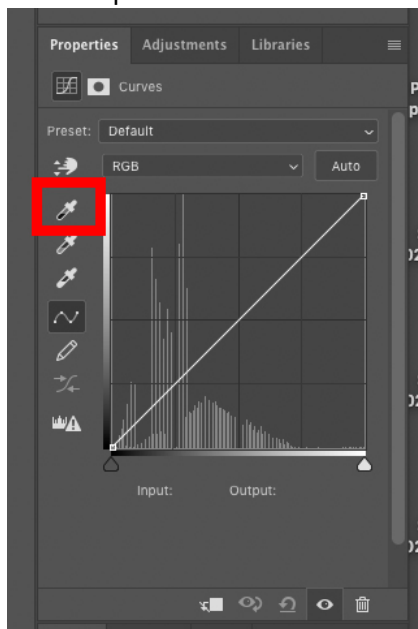
Open in Photoshop.

Check your blacks to make sure they are pure black. CMYK color spaces can create a grey black if not corrected.

Open a Curve or Level Adjustment



Select the black dropper and click on a black area of your image. It will correct the black to be a pure RGB black.



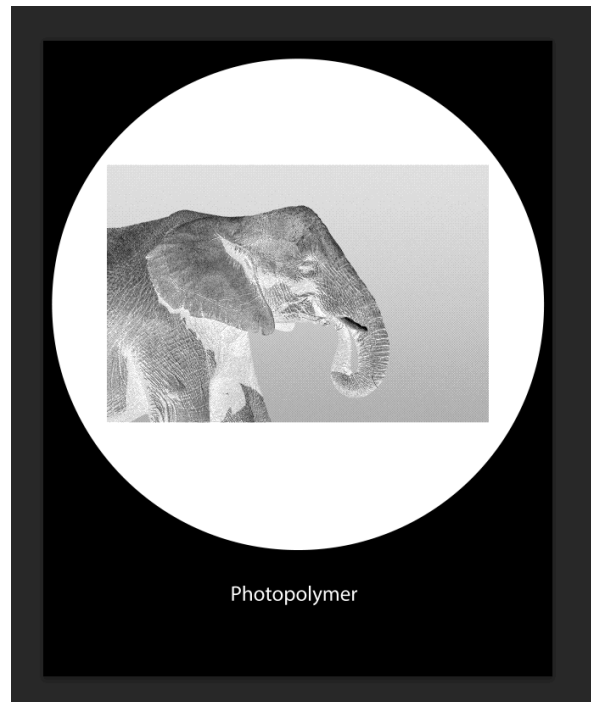
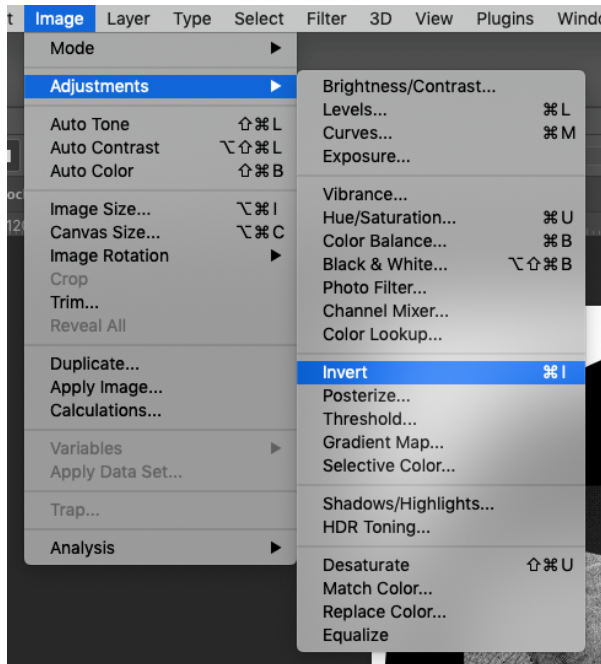
Flatten your image.
Image > Flatten Image

Inverting your Image

With the background layer selected. Invert your image.

Image > Adjustments > Invert

⌘I or CTRL I will work as well



Everything that is white will expose the plate.

Save your image as a TIFF or JPG

Tips

- You don't have to use all of your plate at once. You can cut it up and use the rest for another project at another time.
- You can save money and materials by grouping multiple projects onto one 8x10" file when printing your pictorico film and use when needed.