

# Vinyl Printing & Cutting

Last updated: MAR 2026

## Types of Vinyl & Appropriate Uses

Adhesive, heat transfer, cut-only, window cling, cut and print (ask staff for details)

**Coloured Vinyl (heat-transfer)** to be used ONLY for cutting

**White Vinyl (adhesive) & Clear\*\*/White Vinyl (heat-transfer)** – Used for cutting & printing

\*\*Please be aware that the Clear Heat Transfer Vinyl works best on white or light coloured fabric as it is not opaque. If you wish to transfer to a dark coloured fabric it is recommended that you use the opaque white or solid colour heat transfer vinyl.

**Colour Mode: CMYK** must be the selected colour mode.

**Resolution:** Please ensure that the resolution of your vinyl print is 300 dpi or more.

**Size:** Maximum length for print size is **3 feet**. It is recommended that your file is already saved with your desired print size. Please ask staff for recommended print size as it depends on the vinyl you choose to use.

## Acceptable File Formats

Roland VersaWorks Dual is the program used to communicate with the Roland VersaSTUDIO Sign Maker BN-20.

The best file format to use in VersaWorks is **PDF**. If you would like to make custom cutlines, you must use Adobe Illustrator. Please refer to the back of this handout for further instructions.

The maximum file size accepted by Roland VersaWorks is **2GB**.

## Cost:

Printable Vinyl for Printing & Cutting (Adhesive & Non-Adhesive including Window Cling-On)	Heat Transfer Vinyl for Printing & Cutting
\$3.00 per foot + \$0.50/1cc of Ink	\$7.00 per foot + \$0.50/1cc of Ink





## Creating Custom Cutlines in Adobe Illustrator

So you have an image all ready to print as a sticker. All you need now is to tell the printer to cut around the outline of your decal. This avoids the inconvenience of having your sticker on a large rectangular sheet of vinyl which you would then have to cut out, e.g. with scissors or a knife.

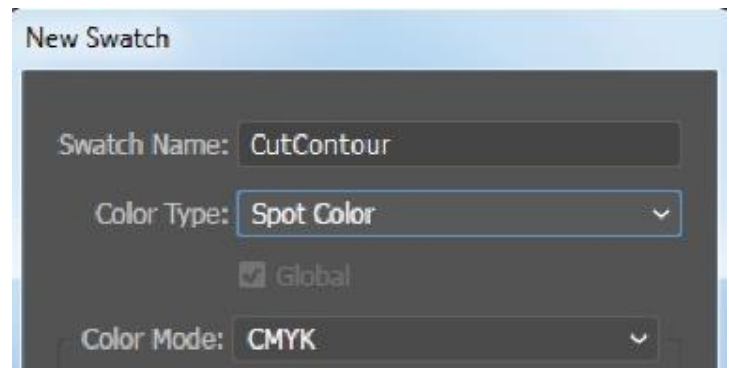
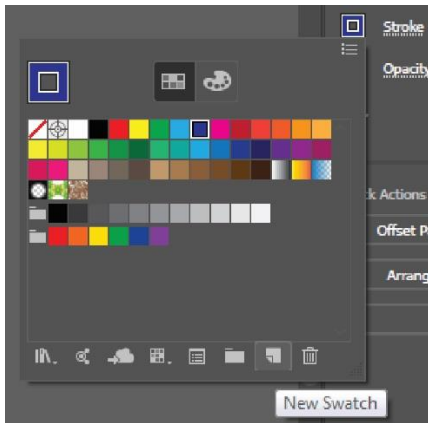


This is an example of a circular cutline. Select the outline of your sticker, and select the stroke – make sure the stroke is overlapping the fill icon:



### For MACs & PCs:

- Click on the stroke
- Pick any random colour. Then click on the *New Swatch* button at the bottom
- Change the *Swatch Name* to **CutContour** (make sure there are no spaces and both C's are capital)
- Change *Color Type* to **Spot Color**
- Change *Color Mode* to **CMYK**. Slide **M** (Magenta) to **100%** and **C** (Cyan), **Y** (Yellow) and **K** (Black) to 0%
- Click OK



### Saving for Print:

*File* -> *Save As* an Adobe PDF. In the pop-up dialogue box, choose **[High Quality Print]** for the field, Adobe PDF Preset.

Open the PDF to confirm that your vinyl print is correct.

Have this PDF file ready to hand off to a staff member (e.g. on a USB stick or ready to download from the cloud), who will use Roland VersaWorks Dual and the Roland BN-20 VersaStudio Sign Maker to print your design.