**FILE FORMATS**
We prefer to process your documents as PDF files (1.4 or higher);

- No overprint
- Formats on a scale of 25% or 50%
- Fonts are to be transferred into outlines or fully inserted
- Net dimensions in the trim box
- Overlap in the bleed box
- Do not convert PMS colors into CMYK
- Transparency is allowed, yet with complex layering we advise on flattening, please contact us for support.
- Each item to be printed in a separate PDF

While preferred file type is PDF, TIFF and JPEG could also be processed.

**RESOLUTION**
The resolution of photographs or artwork will depend upon their application and the type of image;

- External application, observed at close quarters; 70 to 100 DPI
- External application, observed from a distance; 30 to 70 DPI
- Internal application, observed at close quarters; 100 to 150 DPI
- Internal application, observed from a distance; 70 to 100 DPI

Please keep in mind that these values apply to the finished size. For example, for a file that is finished at 10%, the above stated values should be multiplied by 10.

**FILE SUBMISSION**
Please submit your files to us in any of the following ways:

- Via the email address of your contact person (do not exceed 5 MB)
- Via truefitgraphics.wetransfer.com

**DIMENSIONS**
We work with width X height by default. The dimensions ordered is the size that will be delivered. We will automatically scale files that do not correspond with the requested dimensions, but which are submitted in the correct proportions or with only a slight deviation, to the correct dimensions. If you specifically do not want us to do this, please mention this separately. if there are deviations in the dimensions in excess of approx. 2%, the order will be placed “on hold” and we will seek your advice.

Please remember that our materials have a definitive maximum print width. By default, files will be cut into sections if they are larger than the maximum print width of the chosen material. If you do not want us to do this, please indicate this when placing your order.

**COLOR USE**
You can submit your artwork both in CMYK (Europe ISO Coated FOGRA39) and RGB (Adobe RGB 1998). All our printers work in accordance with the CMYK principle. This means that PMS colors are also built up from these colors and replicated as closely as possible. Please keep in mind that some colors are quite difficult to replicate with CMYK.

**BLACK**
For black CMYK we advise values of C60, M60, Y60, K100%.

**COLOR GRADIENTS**
Color gradients in the file are built up from a maximum of 256 shades. Elongated gradients may suffer from stripes forming in the print. This is not a printer defect, but a result of the way in which the gradient is built up. Some colors may produce this effect more than others. The best results are achieved by submitting the gradients in vectors.

**COLOR REFERENCE**
Contact our support team for advice on a color matrix based on a PANTONE color or CMYK values.

**CUT CONTOUR**
When a special shape or cut-out is desired, a vector line in spot color ‘Cut’ is used to indicate the shape, this ink will not be printed. When a cut-out is applied it needs to be united in a shape indicating the overall shape.

# Manual for Cutcontour

A cut contour is always created as a vector line, software such as Adobe Illustrator is suitable for this. Photo editing programs such as Adobe Photoshop cannot be used to create cut contours.

**We automatically generate rectangular and square cutting paths based on the dimensions you specify.**

## Two methods

There are roughly two ways you might want to use a cut contour, both will be explained in this manual.

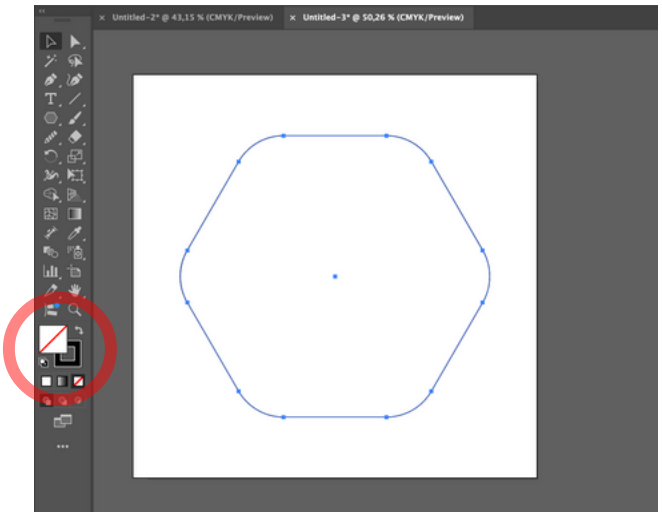
**1.** A simple cutout, where the cut-out shape forms the product. Such as with stickers, flags with a specific shape, or other products that have a deviating shape.

**2.** A cutout where there needs to be a cutout from another shape. Such as, for example, a cutout in a fabric for a TV, a niche or cutout in a fabric for a stand.

**A clear explanation follows on the next pages.**

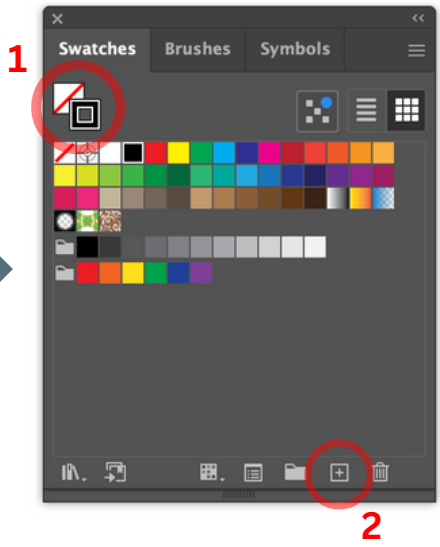
# Method 1: simple cutout

**For:** stickers, flags, other products where the outer shape needs to be different than rectangular or square.



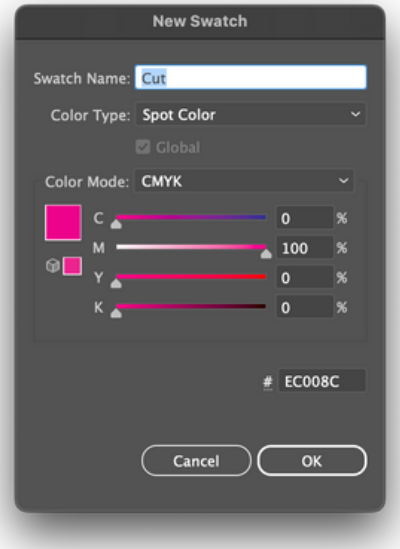
1

**Step 1:** Create a closed line, in the desired shape. The shape next to this is an example. **Important: no fill color!**




2

**Step 2:** Open the swatches window (window / swatches). Select the line (1) and create a new swatch (2).

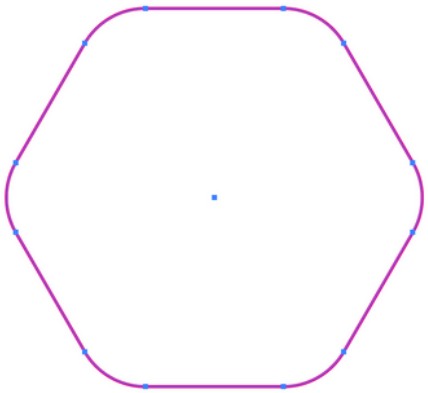



3

**Step 3:** In the new window: give the new swatch the name 'Cut' (with capital letter), convert it to spot color (support color) and set all values to 0, except **Magenta → 100%**. Click OK..

4

**Final step:** Select the shape and choose the swatch you just created. The line turns magenta - this will not be printed, but will be marked as a cutting line.



Support color/ spot color

# Method 2: Cutout from a surface

**For:** cutouts from fabric, for niches. For e.g. TVs or other products, shelves, etc.

**Step 1:** Create a filled surface, as large as the original fabric, from where a cutout needs to be made.

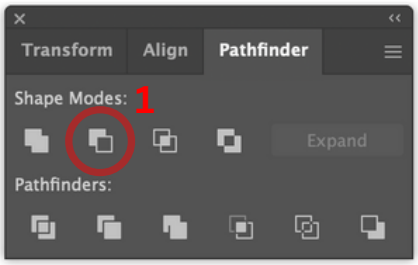
1

2

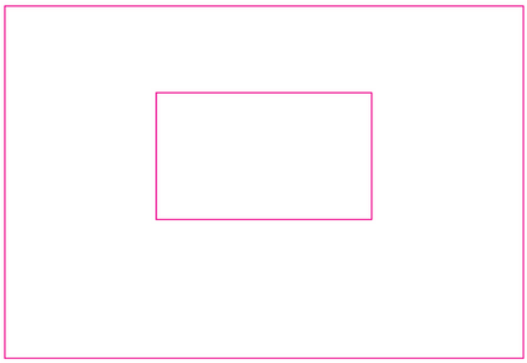
**Step 2:** Create a second shape, in the exact dimensions of the cutout or niche. Give this a different color. **Make sure this shape is in the correct position!**

**Step 3:** Select both shapes and open 'pathfinder'. **Select 'minus-front' mode (1)**, the top shape will be cut out from the large shape. The remaining shape is a compound path.

3







4

**Last step:** Convert the shape to line (2).

Then: open the swatches window and choose the (spot color) swatch **from steps 2&3 of the previous page (p2).**

This line will not be printed, but will be marked as a cutting line and will be cut out.