

Print Specifications

Accepted file formats

- Adobe PDF (preferably: PDF X4)
- PNG

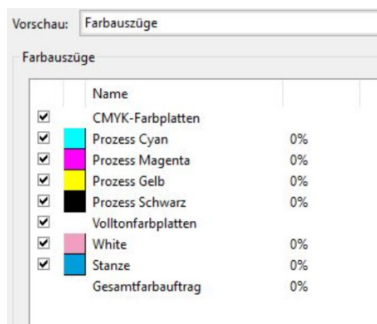
Files

- A resolution of min. 300 dpi at 100% scale
- Color space CMYK
- Images must be linked within the file and are always to be sent with the open files
- Preferred image formats: Tiff / PSD / EPS

Colors

• Color space CMYK

- Max. 20 color separations possible
- Special colors must be created in PANTONE C and clearly named (Adobe Illustrator steps: "Color Field Options" → "Color Field Name": original PANTONE C spot color name → "Color Type": full tone → "Color Space": PANTONE C)
- Corporate colors are to be sent with color sample
- White needs an additional separation and needs to be created as a full tone



- Metallic colors can only be simulated (print on metallic material)
- **Black needs to be set as 100% black in 4C**
- Technical colors must be clearly named and marked with "overprint" (Adobe Illustrator steps: "Color Field Options" → "Color Field Name" e.g. Die → "Color Type" Vollton → "Color Space" CMYK and "Attributes" → "overprint")

Color conversion RGB- to CMYK

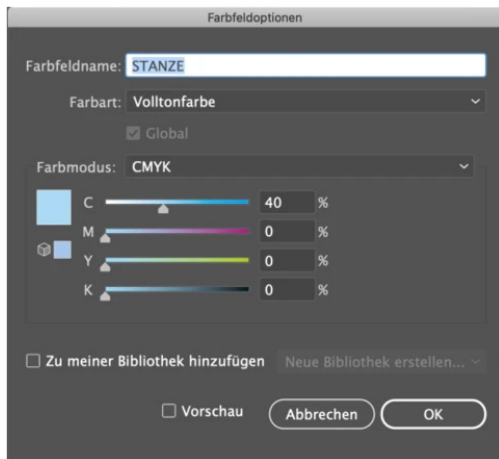
- If RGB-data is delivered, we automatically convert into CMYK-color space. This transformation may lead to color shifts, for which we are not responsible.

Special colors

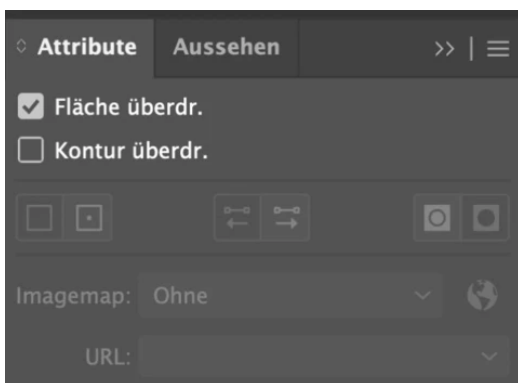
- Special colors can only be processed by us if they are deposited as an extra color channel in the file. For the name of the special color, the original PANTONE C spot color name is mandatory. (Adobe Illustrator steps: "Color Field Options" → "Color Field Name": original PANTONE C spot color name → "Color Type": full tone → "Color Space": PANTONE C)



Example: Special Colors
in Adobe Illustrator



Example: Creating special colors
in Adobe Illustrator



Example: Technical colors set to overprint

Fonts

- Min. font size 4 pt to ensure good readability
- If there are no more text changes, please convert all text to outlines (Adobe Illustrator steps: "select" → "type" → "create outlines")
- Open data always needs to be included in the fonts

Format & Trim

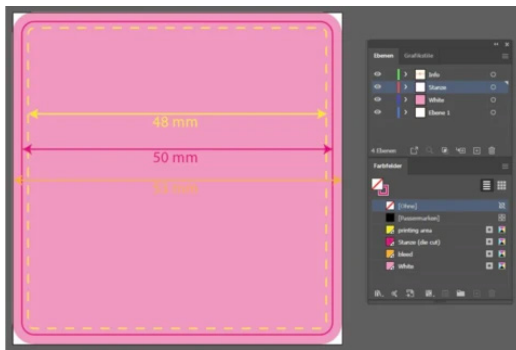
- Data must be delivered in the original size
- Dieline must be included, min. 1.5 mm circulating on all sides

Type area

- The type area (except bleeding elements) should have a minimum distance of 1 mm to the dieline.

Technical information

- The dieline must be created as a full tone, named "Stanze", "Cut" or "Die" and has to be set to „overprint“.
- Information such as registration marks, control stripes, etc. are not allowed.



Barcode (ISO 15416)

Barcodes need to follow certain specifications so they can be detected by a scanner. Make sure to check the specific requirements your code needs to fulfill.

- Color - watch out, only certain colors can be used for a scanner to detect your code
- SC Size - different barcodes have different size requirements that need to be met
- Bright field - codes need to be embedded in bright backgrounds

You don't know what barcode specifications you need to fulfill? No problem, contact us at sales@palamo.com and we are happy to assist you in creating the right one!

Additional Remarks

- As the customer you are responsible for the correctness of the layout and content. We check your artwork for technical feasibility but do not check for e.g. spelling mistakes.

Questions? We're happy to help! Contact us at sales@palamo.com

