REQUIREMENTS TO FLEXIBLE PACKAGING LAYOUTS FOR FLEXO PRINTING

With Uniflex prepress technologies our experts can make your packaging design extremely bright and attractive, emphasize the information you want and draw attention to the details you need. Our goal is to make your vision come to life.

PRINTING TECHNOLOGIES

HD Flexo is an innovative printing technology with up to 200 lpi printing resolution lineature. HD Flexo quality is on par with gravure printing. HD Flexo provides high level of detail, clear printing of the smallest elements of design, smooth color transitions and extremely contrasting images.

Full HD Flexo is the new standard of printing quality with lineatures up to 149 lpi. It provides uniform paint distribution on big areas. The images become bright and saturated and the colors will not change throughout the whole printing run.

Multicolor is an extended color gamut technology. Multicolor enables the use of additional paints and their combinations to significantly increase displayed colors range. The images enjoy vivid and rich colors without Pantone sets.

Cast&Cure is a unique selective holographing and UV-varnishing technology.

MetalFlex is used to simulate metallic luster on colored images. Metalflex is an economical alternative to metallized Pantone sets.

FILE TRANSMISSION and DATA FORMATS

- You can send us layouts by any modern means of data transmission. The fastest way is through a cloud or file sharing service (e.g., Google Drive, Dropbox, Mega, Wetransfer, etc).
- Preferred formats are **Adobe® Illustrator®** and **Esko ArtPro®**
- If you are using Corel Draw® to create your layouts, we advise you against using built-in effects (Lens, Drop Shadow, etc.) and non-standard gradients.
- *Layouts made in Corel Draw® format will require a conversion to AI or PDF. When you use built-in Corel Draw® effects, break them down to objects that are supported by Adobe Postscript. Otherwise the prepress process takes a lot more time. There's also high risk of layout distortion.*
- AI files and raster images in layers will significantly improve the speed of prepress.
- We need a PDF or a JPG file of your design to monitor and compare it to our pre-print file.
- Please provide us with layout version in curves and in fonts **with an attached font files folder** to speed up editing and proofreading of your layout.
- Please attach raster images (including embedded images) to the main file.
- We advise against using anti-aliasing for text and raster images.
- **300 dpi** resolution for high-quality **CMYK** and **Grayscale** images.
- *When you make the image bigger by resizing it, its resolution (dot density) will deteriorate. It is impossible to print Internet-optimized images in high quality.*
- Color model for raster images should be **CMYK.**

- **Multicolor** technology — the color model of images should be **RGB.**
- Colors from **Pantone** sets should have clear names, such as "**PANTONE 356 C**". We use the Pantone catalog Pantone® Formula Guide Solid Coated. We recommend using the corresponding library in your graphics software.
- Color areas (within the borders of one object) should not end in 0 value of the tone (min. 3-5 %). Combined gradients that contain special colors are not allowed (e.g., an area from CMYK in Pantone).
- When you use white paint, there should be a dedicated layer with white areas or the file should contain comments clearly defining the areas that should be white.
- To validate colors, please provide us with a sample of your packaging.

CONTACTS

In this document we have compiled mandatory requirements to layouts. More detailed layout study is done during order analysis. To use Uniflex printing capacities to their fullest (Multicolor, HD Flexo, Full HD Flexo, Cast&Cure, MetalFlex, Promocode) please contact our specialists directly for any information you need:

🇬🇧 **For our English-speaking customers**: dhinov@a.uniflex.by

🇩🇪 **For our German-speaking customers**: mfabrikant@a.uniflex.by

🇫🇷 **For our French-speaking customers**: osakovich@a.uniflex.by