

CETIS FLEX ARTWORK GUIDELINES

1 Accepted file formats

We accept files prepared in one of the following formats:

- **Adobe Illustrator, InDesign, Acrobat, Photoshop (a layered PSD is preferred)**
- **Art Pro**

Source files are recommended for best results; especially for shrink sleeves.

Used Printing method:

- UV Flexo: 11 colors
- SOLVENT Flexo: 10 colors
- Screen: 2 / machine
- Offset: 8 colors
- Digital

2 Substrate

- **When printing on a transparent substrate**, create a spot ink labelled "clear." Use this colour to define all areas that will be transparent.
- **When printing on a metallised or foil substrate**, create a spot ink labelled "foil." Use this colour to define all areas that will be exposed foil.

3 Layers

- Maintain separate layers for the die cut, substrate, artwork, and white ink.

4 Linked/Embedded Images

- Supply all images as layered Photoshop files in CMYK colour space with any necessary spot colour channels. Store within a folder labelled "Support Files."
- Scale all images in Photoshop and place at 100 %.
- Set minimum dot to 1 % (for flexo - any areas set below 1 % may not print cleanly).
- The resolution of placed images needs to be at least two times the screen ruling. E.g.: For printing a 150-line screen, the resolution of your placed image should be at least 300 DPI. For printing a 175-line screen, the resolution should be at least 350 DPI.

Special effects:

- Cold foil
- Hot Foil
- Metal doming
- Scratch off, Braille, special varnishing,...
- UV lamination
- Embossing
- Labels on labels application

5 Inks/Colours/Fonts

- **Limited number of inks/colours: maximum 11 colours.**
- Clearly identify all spot inks from colours made up of process inks.
- When white ink is required, be sure to use a separate layer labelled "white" and define a spot ink called "white." This layer should be used to represent all areas that print white.
- Spot colour gradients should have a 2 % minimum dot (for flexo) and must not have multiple inks defined within the gradient slider. Gradients that must contain multiple spot colours should be created as separate overprinting objects.
- Please provide us with any proof or printed sample that you are trying to match for colour.
- Include all fonts with each file or created outlines. But please be aware that if any changes need to be made to the file, the native fonts need to be sent in. If fonts are not included substitution will be used. If substitution is not acceptable, the customer is responsible for all costs associated with purchasing the proper font(s).

6 Barcodes

- Colour: Darkest colour, black preferred.
- Please follow the GS1 standard.
- Barcodes need to be sent as an FPO (for placement only) as we will replace them with correct bar width reductions.



BEVERAGES



FOOD



PHARMA



COSMETICS



INDUSTRY

CETIS FLEX ARTWORK GUIDELINES

7 Shrink sleeve layouts

- Folds should not run through texts or main images/logo.
- **Minimum space between fold and cutting:** 25 mm.
- **Right margin:** 1 mm, text elements need 4 mm margin from the cut.
- **Left margin:** 4 mm.
- **Top and bottom:** each from 1.5 to 4 mm; according to the application.

8 Wraparound labels

- Plate breaks (plate breaks are required for all flexographic flat plates).
- Standard size: 2 mm.
- Incorporate a clear space or the same colour on the top and bottom no less than 1.5 mm that 1 cut can be made. Otherwise we need to make 2 cuts.

9 Artwork guidelines

Flexographic artwork specifications are based on the capabilities of digital photopolymer printing plates.

Minimum fonts values

- **Text size positive:** 3 pt
- **Text size negative:** 5 pt
- **Text size negative multicolour:** 8 pt
- **Line thickness positive:** 0.1 mm
- **Line thickness negative:** 0.15-0.20 mm

Tonal values

- **Minimal stable printing dot:** 2 %
- **Minimal percentage in file:** 1 %
- **Vignettes** (prior to dot gain): 2 % to 95 %
- **Maximum ink coverage:** 320 %

Cold foil

- **Spread reverse elements:** 0.1 mm
- **Choke positive and negative stroke size:** 0.15 mm



PLEASE CONTACT OUR SALES REPRESENTATIVE REGARDING ANY ADDITIONAL INFORMATION.

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