GRAPHIC SPECIFICATION

The information presented here is intended to improve the graphic communication and shorten the prepress process of the order.

Please follow the instructions below when preparing files for print:

- dimensions of the graphic design should be exactly the same as dimensions given in the order,
- recommended standard in print is PDF file format in PDF / X-1a,
- popular graphics programs (eg .: Illustrator, InDesign, Corel Draw) allow you to save or export to PDF / X-1a,
- PDF file prepared for printing requires following parameters:
    - color space CMYK,
    - resolution 300 dpi,
    - total ink limit 300%,
    - fonts embedded in a file or changed to curves,
    - 3 mm bleed each side,
    - significant graphic elements (including texts) should be moved 2 mm away from the edge,
    - printer's marks eg: cutting marks, perforation marks, creasing marks, folding marks, etc.,
    - ICC profile for coated paper - PSOcoated_v3.icc,
    - ICC profile for uncoated paper - PSOuncoated_v3_FOGRA52.icc,
    - Printable PDF should not contain unnecessary colours,
    - comments, guides, etc. (in spot colors) - placed in the printing area, must have overprint,
    - black elements (vector / bitmap / texts) should contain only 100% black color,
    - small elements (vectors / bitmaps / text) in 100% black should have the overprint option,
    - Small elements (vectors / bitmaps / text) in gray should consist of only black,
    - black codes e.g.: barcodes, QR, should contain only 100% black color,
    - the minimum line thickness of text (applies to knockout print - light text in the dark background) is 0.2 mm, e.g. Arial Regular size 6,5 pt,
    - vector objects (texts, outlines of special fields, etc.) should not be rastered (the only exception - if it's absolutely necessary),
    - when printing to the edge (printed coupons without additional die-cut between coupons), the background should smoothly match between the right and left and top and bottom edges of neighbouring forms,
- for materials other than PDF, please attach preview files, eg. JPG,
- to make changes in the text, please send the fonts used in the project.

In addition, for scratch-off / personalization coupons:

- printed coupons without a slice should have a white margin of minimum 4 mm on each side (without margins it would be necessary to use additional printing sections),
- important graphic elements (e.g. texts) should be moved 2 mm away from the scratch-off area,
- minimum thickness of the frame in the scratch field is 1 mm (if a frame is present),
- personalized elements inside the playing field should be moved 1 mm from the edge,
- the minimum height of personalization texts is 1.3 mm (e.g. Arial Regular size 5 pt).

In case our proposals do not meet your expectations we will be glad to approach to your wishes and demands individually.