

## Requirement Repro Files - ORBO

15/02/2019

Delivered repro files to Orbo need to be delivered as follows:

### Software:

- Adobe Illustrator (up to CC)
- Adobe InDesign (up to CC)
- Hi-Res Acrobat PDF (only print-ready file without adjustments needed)

### Fonts:

Fonts used in the artwork need to be delivered, in separate folder.

### Links:

Links used in the artwork need to be delivered, in separate folder.

### Preparation of the files for FLEXO:

- Required screen ruling (lines/cm) : 42 lines/cm
- Minimum printable dot (vignette range) : min. 6%
- Maximum printable dot (vignette range) : max. 100%
- Minimum stable printing dot in file (in %, prior to dotgain) : 1%
- Minimum dot in print (in %, including dotgain) : 6%
- Maximum dot in file (in %) : 100%
- Maximum total ink coverage (sum of ink layers in %) : 400%
- Trapping requirements (in mm)
  - Standard : 0,3mm
  - Minimum : 0,2mm
  - Maximum : 0,4mm
  - Backing white : 0,3mm
  - 2nd backing white : 0,4mm
  - Negative grip : 0,1mm
- Margins : 2mm
- Bleed requirements (in mm) : 2mm
- Minimum distance between text and cutter (in mm) : 1mm
- Minimum type sizes (in pt)
  - Positive font SANS SERIF : 5pt
  - Negative font SANS SERIF : 6pt
  - Positive font SERIF : 5pt
  - Negative font SERIF : 6pt
- Minimum keyline thickness (in mm)
  - Positive keyline : 0,15mm
  - Negative keyline : 0,20mm
- Barcode requirements
  - Minimum magnification of the barcode in % : 80 - 120%
  - Bar width reduction (BWR) : 80micron
- Barcode direction : gate or ladder

# OFFSET



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### Preparation of the files for OFFSET:

- Colors : Quadri (CMYK) + Pantone (2x) + backing white
- Image resolution (dpi) : 300dpi
- Images in native Photoshop file (layered) or tiff
- Logo's need to be integrated in the native repro file or Hi-Res PDF
- Indicate the keyline/diecut with a separate color that is not used into the artwork, keyline-color in overprint and into a separated layer called 'keyline'.
- Minimum printable dot (vignette range) : min. 3%
- Maximum printable dot (vignette range) : max. 98%
- Maximum dot in file (in %) : 100%
- Maximum total ink coverage (sum of ink layers in %) : 280%
- Trapping requirements (in mm)
  - Standard : 0,1mm
  - Negative grip : 0,1mm
- Margins : 3mm
- Bleed requirements (in mm) : 5mm
- Minimum distance between text and cutter (in mm) : 3mm
- Minimum type sizes (in pt)
  - Positive font SANS SERIF : 5pt
  - Negative font SANS SERIF : 6pt
  - Positive font SERIF : 5pt
  - Negative font SERIF : 6pt
- Minimum keyline thickness (in mm)
  - Positive keyline : 0,10mm
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