

Reprorichtlinien

Technical guidelines for the delivery of data REPRODUCTION

Based on the data delivery for printing data and the print is the MediaStandard Print 2018 and the Offset Printing Process Standard 2012 bvdm which leans to the international standard of ISO 12647.

Print, standard conditions, sheet-feed offset	ISO 12647-2:2004 – Amd 1:2007 Charakterization: FOGRA 39 L ICCPprofil: ISO Coated v2 300 % (ECI)
Screen rulling	70 line / cm; 178 lpi
Screen angle	Cyan 165°; Magenta 45°; Yellow 90°; Black 105°; Individual by special colours
Dot structure	Round-Square (Euclidean)
Screen to range	1 % bis 99 %
First Print Point	1 %
Trapping	0,08 mm 0,05 mm with intense colours, metallic colours
Trim area	3 mm
EAN/GTIN	SC 0 = 82 %; SC 1 = 90 %; SC 2 = 100 %; SC 3 = 110%; SC 4 = 120 %; SC 5 = 135 %; SC 6 = 150 %; SC 7 = 165 %; SC 8 = 185 % SC 9 = 200 % Bar width reduction: 0,02 mm (black lines) Bright area extension: 0,5 mm (left and right)
Digimarc	Digimarc Articles that are to be printed with Digimarc must be in advance to be announced. In addition to the data provided, we need a test protocol.
Font size	Minimum 6 pt (negative and positive) with consideration of the LMIV of 12/14 character size "x = 1,2mm"
Line wight	0,1 mm (positive); 0,2 mm (negative)
Percent dot area	300 %
Printing press/Varnish	RA 106 - 8 + Double-Varnish RA 145 - 6 + Varnish RA 145 - 6 + Double-Varnish
Printfrequenz 4-color	Black, Cyan, Magenta, Yellow, for special colours, Gold, Silver or metallic Colours depend on motive

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Proof	Digital proofs according to ISO12647-7 on the basis of the particular simulation must be considered over the entire colour space.
Data formate	ArtPro; Illustrator CC; InDesign CC PDF/X-4 1.6; Transparency are not reduced, (The PDF file is to be created as a composite including spot colours) If the file contains a lot of vector graphics, gradients, and / or banners that are set off from the PDF generation in the open files into a complete picture. Group transparencies are to be avoided. The maximum of the zipped data must not: more than 2 GB.
Fonts	Embedded fonts or fonts path, deliver fonts for text corrections
Resolution of images	Halftone images at least 360 dpi, for 70 screen with quality factor of 2 Line art 2400 dpi, 1200 dpi minimum
Varnish forms/ Stamping form	Varnish and stamping forms are create as paths (vector paths) and must be supplied in a separate file or colour The motives for hot foil are not cut-out. When window packaging the bleeds should be considered.
CAD	Colouring the punch ingestion with a non-printing colour
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