

## Guideline for the delivery of repro files ready to engrave

Accepted file format	ArtPro Images in Tiff or PSD format linked in ArtPro to be supplied completely.
Fonts	All texts have to be converted in paths.
Image resolution	min. 120 l/cm at 100% scale preferably 140 l/cm at 100% scale Bitmap resolution min. 2400 dpi
Minimum line thickness	0,17 mm positive elements 0,20 mm negative elements Smaller values might be possible depending on the engraving technology, to be checked and confirmed beforehand.
Trapping	Priority is given to the printer specification, process standard 0,20 mm.
Barcodes	An additional quiet zone of 0,5 mm left and right needs to be considered. Values for BWR please check under <a href="http://www.janoschka.com/de/wissen/downloads/">http://www.janoschka.com/de/wissen/downloads/</a>
Job size	In ArtPro the job size has to be clearly defined.
Bleed	5 mm runaround (min 3mm).
Simulation elements	Simulations must be defined in an own separation which is not used for production. The setup of any simulation in production colours is not acceptable.
Layers	All ArtPro files will be produced as supplied. Janoschka will not activate or deactivate any layers for production. The proper setup of the layers is in the exclusive responsibility of the repro supplier.
Colour Management	<p>The repro's colour setup must be based on a colour profile considering all process parameters. Ask us for the corresponding mx4-colour profiles for EPSON printers of the x800/x900 series. Therefore your GMG serial number is needed.</p> <p>If other printers or software are used, Janoschka is supplying a profiled proof to allow the creation of own colour profiles. The repro supplier exclusively takes the responsibility.</p>

You are requested to contact Janoschka in time to ensure the use of the correct proof charts.

## Spot colours

By using not calibrated spot colours with gradations, big differences might be visible between proof and cylinder print.

Due to this reason Janoschka created a GMG colour library with calibrated spot colours based on cylinder prints to enable reliable proofs with pure spot colour gradations. Each spot colour can be ordered at Janoschka.

In case of a mixing of a single spot colour with other colours (even they are covered by the GMG profile) Janoschka cannot take any responsibility for the printing result.

## Proof

A contract proof has to contain the following elements:

- Ugra-Fogra Media Wedge V3 or GMG Calistrip
- printer type
- profile name (incl. check sum when using GMG)
- file name / job name
- used spot colours
- calibration + date of last calibration
- date + time of proof

The parameters stated in this guideline are binding.

Supplied data are only spot checked by Janoschka. Janoschka does not accept any responsibility, neither for content or technical errors of the supplied repro, nor for any inconvenience, delivery delays or extra costs which are the result of a non consideration of the parameters / guidelines described in this document.

This involves the cylinder engraving as well all following production steps.