

Nummer : **TQM2000/ 8.4**
Hoofdstuk : **Pre-press specificaties**
Type : **Informatie**
Wijziging : **update tech specs**

Rev : 2.6
Datum : 21-06-2005
Blad : 1 van 4
Status : Active

Lithospecification /10.1.2.3 EPP UK

AIM

The aims of this specification are to describe the minimal properties digital media have to meet to create conditions for an uncomplicated process.

GENERAL SYSTEM DELIVERY

Apple Mac. If different, consultation beforehand.
FTP (consultation beforehand with your Account Manager)
DVD-Ram
CD-Rom

DATA INFO NEEDED

- File name (+ number of labels)
- Programme + version
- Used images
- Used fonts
- Font number (if available)
- Font supplier
- Used colours
- Size labels

Please mention in case adjusted font is used.

CONVERTING

Save the data of one label in one folder.
Files made with software different from Artpro need to be converted.
Extra costs are incurred.

TIFF FILES

TIFF-files need to be saved without compression.

SOFTWARE

Royal Sens always has recent versions of the software listed below:

ESKO ARTWORK ADOBE

Artpro
Illustrator
Photoshop
Complete Fonts Folio
Freehand
Passport

ALDUS QUARKXPRESS

TECHNICAL ASPECTS BARCODE

BWR always 0,03.
Size, colours, position and silent zones according to Mr. Big or EAN International.

TEXT SIZE LINE THICKNESS VARNISH

Minimum 5 pnt negative and 3 pnt positive
Minimum 0.05 mm negative and positive
Varnish should be named as PMS 427 (transparent).
Gluelap according to customer demands and/or varnishfree.

UCR/GCR COLOURS

Yes
Naming of colours according to PMS (thus no "Green" but "PMS 347").
Files may not contain any unused colours.

TEXTFREE ZONE OVERFILL, BLEED CUTTING-LINES TRAPPING

2 mm from edge of the label or die contour
3 mm
Cutting-lines preferably to be printed down in de darkest colour.
By preference not using trapping, spread and choke or bleed unless artwork is supplied as Artpro. Maximum trapping for offset 0.1 mm.
Deliver a hard copy (colour and separated).

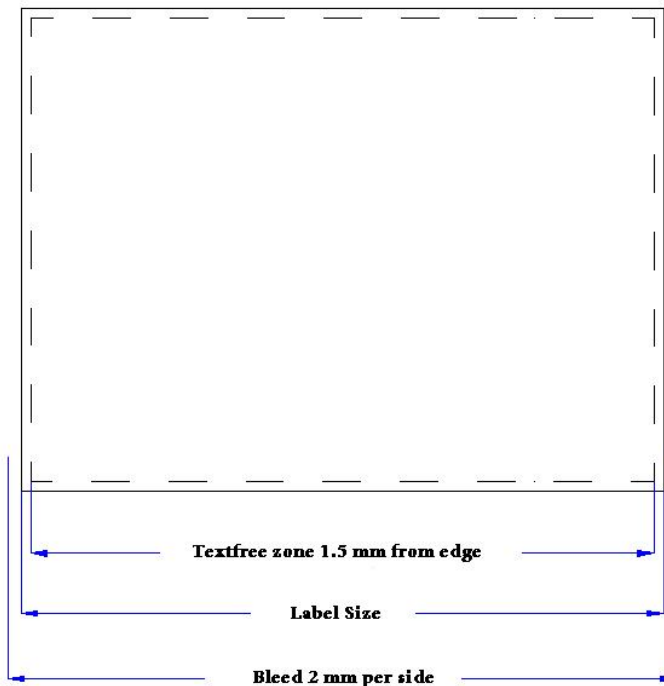
HARD COPY

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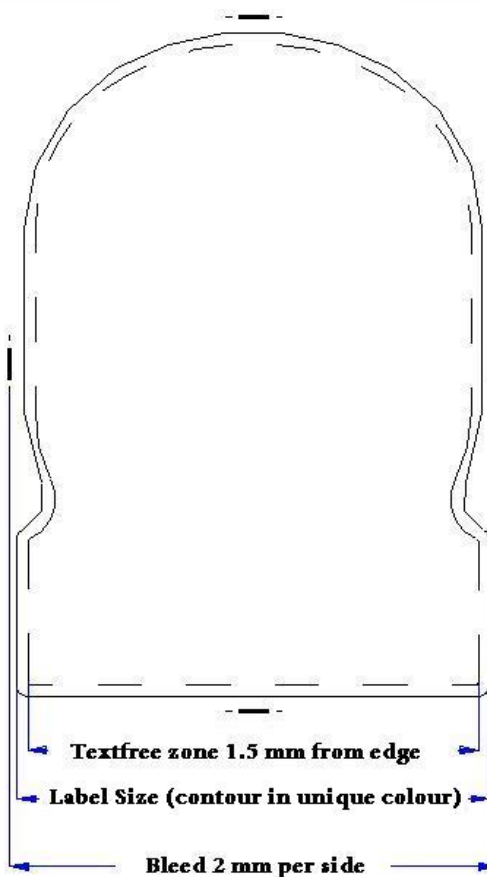
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CUT LABEL



PUNCH LABEL



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DIE CONTOUR

Die contour to be placed in a unique colour.

PUNCHING LINES

When possible die-contour delivered by Royal Sens.

Punching-lines preferably to be printed down in de darkest colour.

PROOFS

PAPER

For proofs same paper as is normally used for the productionrun, unless agreed otherwise.

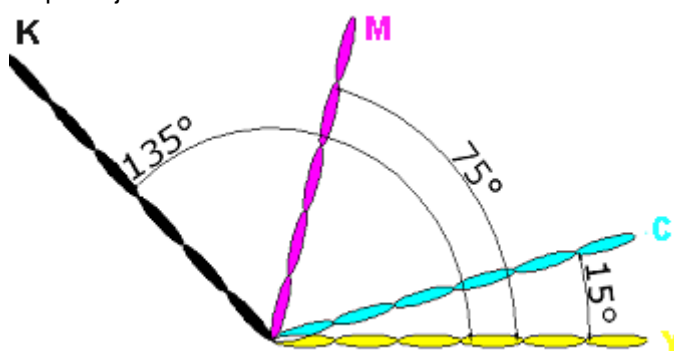
PRINTDIRECTION

The proofs have to be proofed in the same direction as the printing direction of the printrun.

DOT SHAPE

Elliptical join at 40% and 60%.

SCREEN ANGLES



CONTROL STRIP

Control strips should be put down with each colour (together with other strips, if any). Strips to be placed right angled to the printing direction. When a proof consists out of multiple varieties, a strip has to be placed with each variety.

REGISTRATION DENSITY / DOT GAIN

The measured density values by the supplier of the solid density and the dot gain must be marked near the measured positions.

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PMS COLOURS

If Royal Sens supplies the PMS-inks, these have to be used for the PMS-colours. PMS-colours must be printed exactly according to the PMS Guide. A recent and valid version of the "PMS Color Formula Guide 747 XR" must be used.

PLATES

The copied printing plates must be produced according to the ISO 12647/2 standard.

SCALE PRINT

Proofs should be accompanied by scale prints. Without scale prints proofs are not accepted.

SCREEN RULING

150 lpi

DOT GAIN CURVE

% on plate	C	M	Y	K
2	3	3	3	3
3	6	6	6	7
4	8	8	8	10
5	9	9	9	11
10	19	19	19	21
25	42	42	42	45
40	62	62	62	65
50	71	71	71	74
75	90	90	90	93
80	93	93	93	95
90	99	99	99	100

DENSITY

Density	1.40 +/-	1.35 +/-	1.35 +/-	1.75 +/-
	0.05	0.05	0.05	0.05

Measured with a Gretag D 186 based on the solid density as well as the density of the tonefield (60l/cm-150 lpi), according to the Murray-Davies formulation.

FILMS

SUPPLYING FILMS

Royal Sens has a fully digital workflow. In case of emergency films can be supplied to Royal Sens, these will be converted (with Copydot) to digital files. It is not possible to make any changes on these files.