

## General

General information			
Printer	Etimark AG	Web	www.etimark.ch
Street	Werdenstrasse 90b	USt-ID	CHE 107.930.544
Zip code, city	CH-9472, Grabs	Speciality	Stanzdeckel, Etiketten
Phone no	+41 81 750 34 34	Certificates	ISO/TS 22002-4:2013
E-mail	info@etimark.ch		

## Printing

Printing info			
Printing process	Flexo and digital printing	Printing type	Frontside printing
Printing unit	8 colours (incl. white and varnish)	Substrates	Aluminium, foil, paper
Anilox roller	149 lpcm / 60 lpi	Min. – max. tone value	1 – 100%

Depending on the printing process and material, it may not be possible to achieve the desired colour sample (proof). With aluminium in particular, it must be considered that the material is not 100% white and therefore especially light colours can only be reproduced to a limited extent. It has a dirtying of about 10%. The maximum ink coverage is relevant for offset printing, but not for flexographic printing, as the higher viscosity of the inks and the more direct ink transfer enable a more intensive ink layer.

Print sequence			
Printing unit 1	Deckweiss	Printing unit 5	Spotcolor 1 (Pantone)
Printing unit 2	Yellow	Printing unit 6	Black
Printing unit 3	Magenta	Printing unit 7	Spotcolor 2 (Pantone)
Printing unit 4	Cyan	Printing unit 8	Lacquer (gloss lacquer, matt lacquer)

Colours should be CMYK where possible. Our printing machines are designed for a maximum of 3 special colours. Anything more than that is extra work for us and will result in higher production costs.

Screen angle CMYK			
Yellow	83°	Cyan	8°
Magenta	38°	Black	68°

Density CMYK			
Yellow	0.98	Cyan	1.15
Magenta	1.05	Black	1.23

The angle of the spot colours depends on the subject and is 68, 8 or 38°. The density of the spot colours varies depending on the colour shade. Darker colour tones result in a higher density - lighter colour tones result in a lower density. In Euroscale (CMYK) the densities depend on the substrate, the densities mentioned above are guide values.

## Data editing

Diecut			
<b>Bleed</b>	1.5 mm	<b>Diecut free space</b>	1 mm

Trapping			
<b>Trapping</b>	0.1 mm	<b>Pullback white</b>	0.1 mm

For lids, make sure that important text elements are not in the sealing area.

Font size			
<b>single colour positive</b>	5 pt.	<b>single colour negative</b>	8 pt.
<b>single colour positive</b>	6 pt.	<b>single colour negative</b>	9 pt.

Line thickness			
<b>single colour positive</b>	0.1 mm	<b>single colour negative</b>	0.2 mm
<b>single colour positive</b>	0.2 mm	<b>single colour negative</b>	0.2 mm

Barcode			
<b>Min. size</b>	80% or SC 0	<b>BWR</b>	0 mm
<b>Max. size</b>	120% or SC 4	<b>Side clearance</b>	both sides 3 mm

When the «ready to print» is created, the code is regenerated and, if necessary, adapted so that it is readable. If the code is outside our standard we cannot guarantee readability. During production, the code is checked again for symbol contrast, modulation and decodability.

File formats			
<b>Layout</b>	PDF, AI, IND, AP+	<b>Images</b>	TIF, PSD
<b>Fonts</b>	no Type 1 Fonts	<b>Image resolution</b>	300 dpi

The JPG format requires less memory, the data is compressed, however image details are lost and there can be a loss of quality when opening. The TIFF format, on the other hand, has very good quality and is lossless, but the storage capacity is much higher.

Please note that we are unable to make text corrections to vectorised fonts. It is absolutely necessary to supply the fonts with open data.

We will be happy to provide you with a template for the lids, which you can use to create your print products.

Proof environment			
<b>Software</b>	GMG Opencolor	<b>Printer</b>	Epson Sure Color P5000
<b>Proof profil</b>	The current proof profile is available here: <a href="http://www.etimark.ch/dtp-info">www.etimark.ch/dtp-info</a>		

General info about print data	
<b>Disclaimer print data</b>	<a href="#">Important – Please read!</a>