




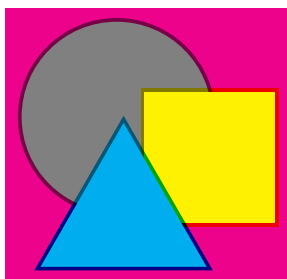
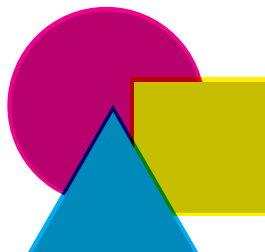
LIETPAK FLEXO SPECIFICATION

Technical Specifications


Print Process	Flexo
Substrate	Plastic film clear / white
Plate Type	1.14 mm
Maximum number of colours available including varnish and white (if necessary)	11
Dot shape	Circular

Plates contain microdots. Microdots are 0.4 mm diameter and are placed in the left, right corners and central part of each repeat.
Maximum plate polymer size 1400 mm x 900 mm.


Print Process Requirement / Parameters

Picture in the file	Trap/Grip Size 0.15 mm Minimum 0.1 mm Standard 0.15 mm	Printing White Pullback Size 0.2 mm
		
Print to cutter	Depends on design and product type	
Bleeds	in some projects 2 mm in other projects don't apply or depend on design and product type	


Minimum positive text (pt): 5

3 pt	Abcdefgh Abcdefgh	
4 pt	Abcdefgh Abcdefgh	
5 pt	Abcdefgh Abcdefgh	
6 pt	Abcdefgh Abcdefgh	
7 pt	Abcdefgh Abcdefgh	

Minimum negative text (pt): 6

3 pt	Abcdefgh Abcdefgh	
4 pt	Abcdefgh Abcdefgh	
5 pt	Abcdefgh Abcdefgh	
6 pt	Abcdefgh Abcdefgh	
7 pt	Abcdefgh Abcdefgh	

Minimum multi ink text (pt): 7

3 pt	Abcdefgh Abcdefgh	
4 pt	Abcdefgh Abcdefgh	
5 pt	Abcdefgh Abcdefgh	
6 pt	Abcdefgh Abcdefgh	
7 pt	Abcdefgh Abcdefgh	

Minimum positive line (mm): 0.1



Minimum negative line (mm): 0.15



Minimum multi ink line (mm): 0.2



Process colors

	Cyan	Magenta	Yellow	Black
Press Densities:	1,45	1,45	1,25	1,45
Screen angles:	7	67	22	37
Print Sequence reverse print:	2	3	4	1
Print Sequence surface print:	2	3	1	4

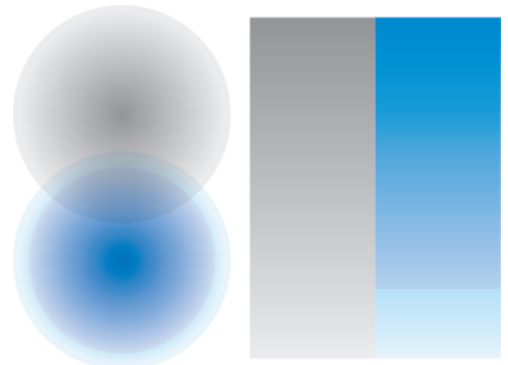
Press Dot Gain	Cyan	Magenta	Yellow	Black
1% will print	5	5	5	5
2% will print	9	9	9	9
3% will print	13	13	13	13
4% will print	16	16	16	16
5% will print	20	20	20	20
10% will print	32	32	32	32
25% will print	57	57	57	57
40% will print	72	72	72	72
50% will print	81	81	81	81
75% will print	91	91	91	91
80% will print	95	95	95	95
95% will print	99	99	99	99

Minimal dot: 1-2 % Maximal dot: 99 %

Gradients on file



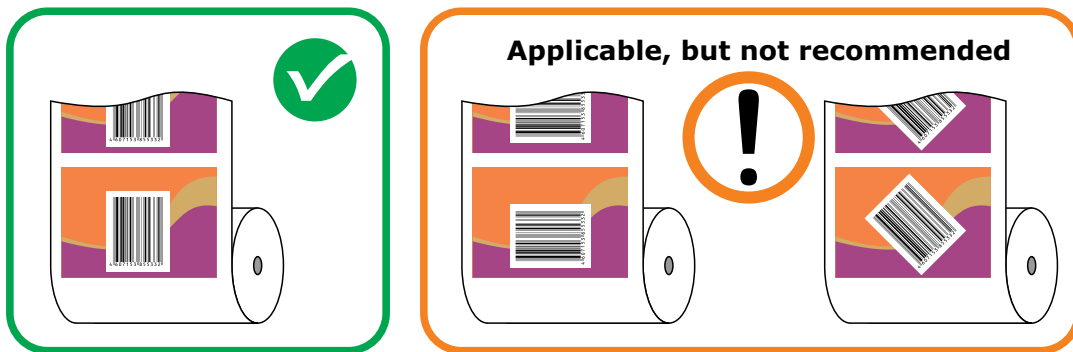
Gradients on flexo print



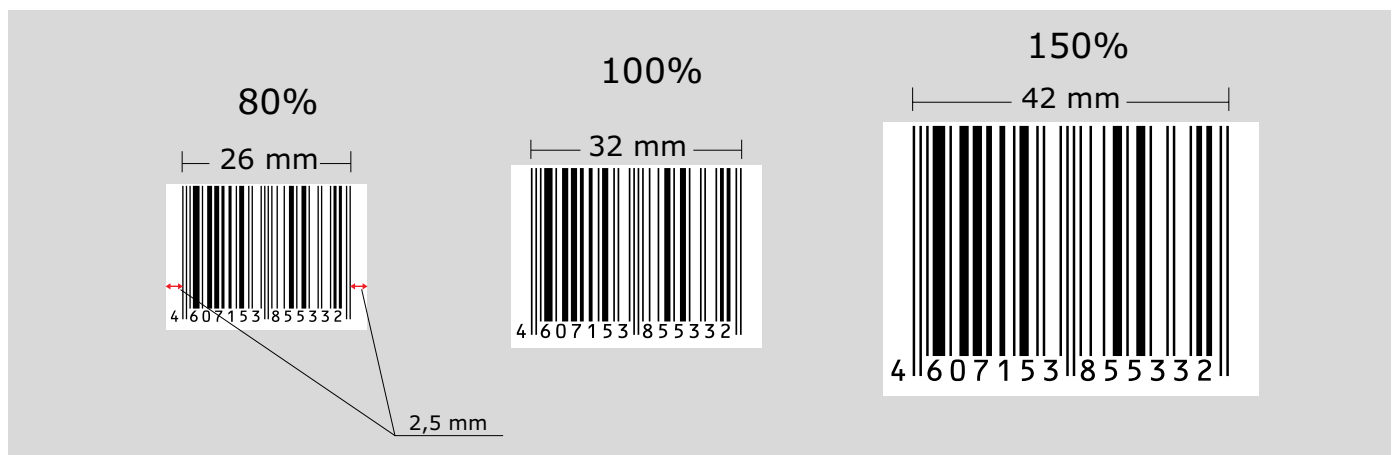
Barcode Specifications

Recommendation of barcode placement

Barcode strips parallel to printed film winding direction



Barcode minimum size– 80%, maximum – 150%



Applicable barcode and background colors



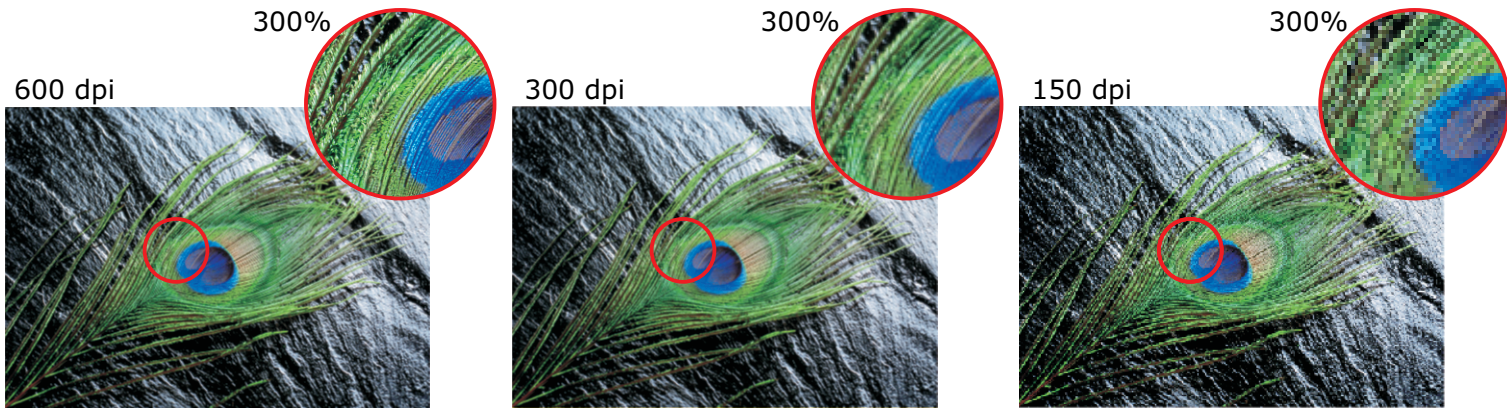
Not applicable barcode and background colors



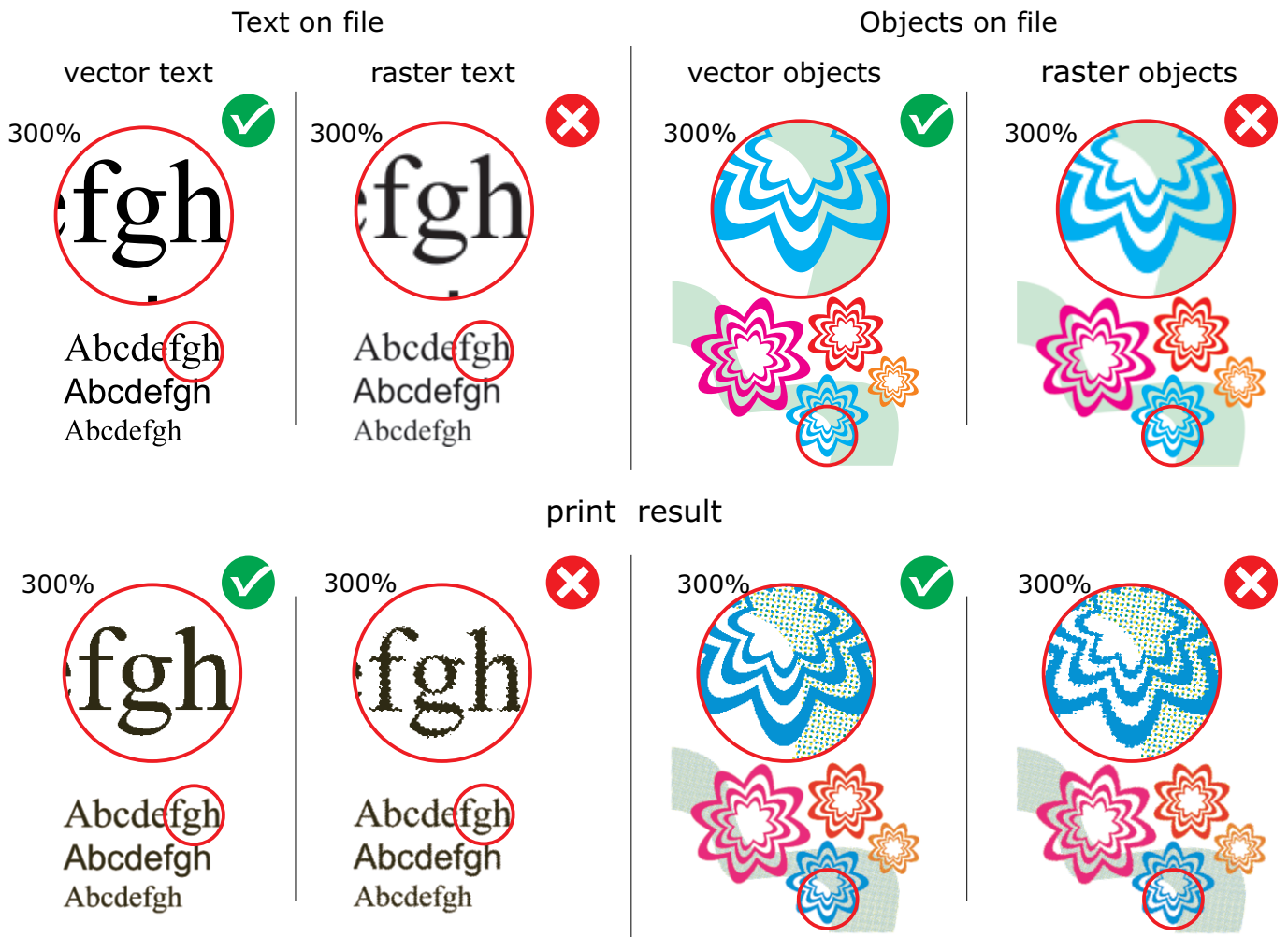
BWR (Barcode width reduction) 0,04mm (40 microns)

Digital Files requirements

All bitmaps should be not less than 300 dpi without compression (TIF, EPS).
Same applies to working artwork files (PSD) with layers.



All vector objects made in the vector way, should be kept as vectors



Projects should be given in scale M1:1 with exact sizes and colors.
If PANTONE colors are used in the projects, PANTONE colors codes should be clearly indicated. If the product will be printed with white background, the file should separately specify the printing areas of white color.
All texts should be converted in to outlines (contours, curves).

Files format: Esko PDF, Adobe Illustrator CS6, high definition editable PDF files, CorelDraw X6.
And additional Photoshop CS6 working PSD files with layers.