

Process Specification

All4Labels Global Packaging Group



- ## Account Management Contact Person

- ### Additional Request / Remarks

Colour / Proof Specifications

Colour / Proof Specifications



Maximum Number of Colours

- | | |
|---|---|
| • | • |
| • | • |
| • | • |

Preferred Colour Sequence

- | | |
|---|---|
| • | • |
| • | • |
| • | • |

Preferred Grid and Screen Angles

-
-
-
-
-

Remarks

Colour / Proof Specifications



Colour Profile for Digital Proof

- Usage:
- Usage:

Typical Dot Gain

Process	5%	20%	50%	80%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%
	%	%	%	%

Spot Colour Rules

General Repro Specifications

General Repro Specifications



Image Data Resolution

•		dpi	•		dpi
•		dpi	•		dpi
•		dpi	•		dpi

Tonal Values

•	Min. Stable Printing Dot:	%	Min. Percentage in File:	%	Vignettes from:	% to	%
•	Min. Stable Printing Dot:	%	Min. Percentage in File:	%	Vignettes from:	% to	%
•	Min. Stable Printing Dot:	%	Min. Percentage in File:	%	Vignettes from:	% to	%
•	Min. Stable Printing Dot:	%	Min. Percentage in File:	%	Vignettes from:	% to	%
•	Min. Stable Printing Dot:	%	Min. Percentage in File:	%	Vignettes from:	% to	%

Trapping

•	Standard:	mm	Comb.:	mm	•	Standard:	mm	Comb.:	mm
•	Standard:	mm	Comb.:	mm	•	Standard:	mm	Comb.:	mm

Bleed Cut / Crease Tolerance

•	Bleed:	mm	Cut Tolerance:	mm	•	Bleed:	mm	Cut Tolerance:	mm
•	Bleed:	mm	Cut Tolerance:	mm	•	Bleed:	mm	Cut Tolerance:	mm

General Repro Specifications



Minimum Text Sizes & Line Thickness Values

•	Pos. Text:	pt	Negative Text:	pt	Pos. Line:	mm	Negative Line:	mm
•	Pos. Text:	pt	Negative Text:	pt	Pos. Line:	mm	Negative Line:	mm
•	Pos. Text:	pt	Negative Text:	pt	Pos. Line:	mm	Negative Line:	mm
•	Pos. Text:	pt	Negative Text:	pt	Pos. Line:	mm	Negative Line:	mm
•	Pos. Text:	pt	Negative Text:	pt	Pos. Line:	mm	Negative Line:	mm

Barcode Specifications

•	Min. Magnification:	%	Bar Width Reduction in Print Dir.:	mm	Against Print Dir.:	mm
•	Min. Magnification:	%	Bar Width Reduction in Print Dir.:	mm	Against Print Dir.:	mm
•	Min. Magnification:	%	Bar Width Reduction in Print Dir.:	mm	Against Print Dir.:	mm
•	Min. Magnification:	%	Bar Width Reduction in Print Dir.:	mm	Against Print Dir.:	mm
•	Min. Magnification:	%	Bar Width Reduction in Print Dir.:	mm	Against Print Dir.:	mm

Additional Request / Remarks

File Formats / Data Transfer

File Formats / Data Transfer



Accepted File Formats (in order of preference)

- | | | | |
|---|----------|---|----------|
| • | Version: | • | Version: |
| • | Version: | • | Version: |
| • | Version: | | |

Medium of Data Transfer (in order of preference)

- CD
- DVD
- FTP

Proofs / Printouts required at Data Transfer

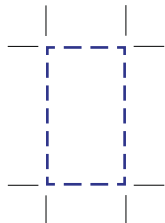
Additional Requests / Remarks

Basic Settings



Document

- colour mode: CMYK
- avoid redundant or irrelevant colours
- avoid redundant layers
- the print file should be a PDF/X-4 document or a normalized PDF file

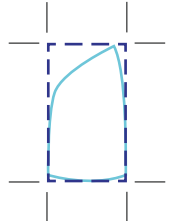


Document Settings

- define the document size to match the label size
- technical colours within the print-area have to be set as "overprinting"
- avoid redundant layers
- the print file should be a PDF/X-4 document or a normalized PDF file

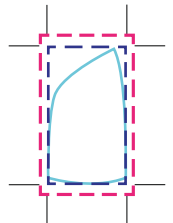
Die Cut Border

- the cutting die should be centered in the document, defined as full tone ink ("overprinting") and named adequately (e.g. die cut)



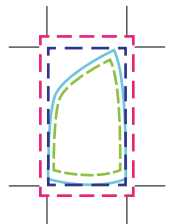
Bleed

- outside of the printing area, 1,5 mm overlap is required



Type Area

- the type area (except bleeding elements) should have a minimum distance of 1mm to the cutting die



Text & Pictures

Text
Text

Positive Text

- positive sans-serif text should have a minimum size of 4 pt, serif text 5 pt
- black text has to be applied in 100% black, not in CMYK, "overprinting"

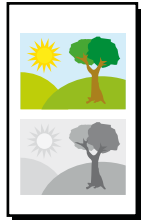
Text
Text

Negative Text

- negative sans-serif text should have a minimum size of 5 pt, serif text 6 pt
- at flexoprinting a medium type style is recommended to work better against print growth

Coloured / Grey Scale

- for grey scaled and coloured pictures you should use a 300 ppi resolution
- for positive scaled pictures, you should use a accordingly higher resolution
- to avoid highlight breaks in certain colours, you should fill light areas with a minimum of 2% covering



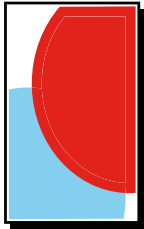
Line / Text

- for lines and text you should use a resolution of 1200 ppi



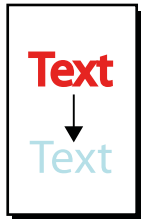
Print Technical

Trapping



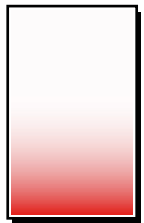
- the lighter colour will be trapped into the darker colour
- you should trap with 0,2 mm

Backing / Underlay



- backings / underlays have to be 0,2 mm smaller than the element printing over it

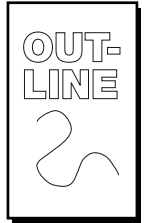
Technical Gradients



- backings / underlays have to be 0,2 mm smaller than the element printing over it
- gradients have to fade out to 2%

Positive Outlines and Line

- for positive outlines and lines you should use a width of minimum 0,1 mm



Negative Outlines and Line

- for negative outlines and lines you should use a width of minimum 0,15 mm



Multilayer Labels

- for multilayer labels you should use one document page for each layer

