

INTERMAIL

de mailers met inhoud



**Data voorbereiding
full color printen**

Dit document bevat algemene object specificaties voor het printen op de Océ ColorStream 3000 series.

Text and artwork printed in K-only

Color definition

- Separation: Black (Process Color)
- Gray1): [x]
- CMYK2): [0; 0; 0; x]
- RGB Black1,3): [0; 0; 0]
- RGB Gray1,3): [R=G=B]
- OCA: Black (X'0008') or default (X'0000')
- Highlight Color 0 (default color station is used)

Colored logos, artwork and text

Color definition

- Spot Color (e.g. Pantone): align alternate values with color management settings in operator panel. Use CIELAB values for optimal color management input.
- ICC tagged RGB or CMYK
- RGB or CMYK; align color management settings in operator panel
- CIELAB

Object definition / Compression

- Vector information or Fonts
- Rasterized logos preferred 300 - 600 dpi
- LZW or ZIP
- Do not use JPEG 2000 or JBIG2
- Avoid Type3, Outline or Bitmap fonts

Recommended minimum font sizes

- Not rasterized (100% process colors): 4pt
- Rasterized (e.g. multiple colors in tones): 6pt

Note:

- Set 100% black objects to overprint (OPM1). Use 'BLACK OVERPRINT' & 'Overprint' for OCA black in operator panel
- Pure RGB (e.g. Red [255, 0, 0]) can be converted to clean CMY colors without using ICC Color Management
- Complex vector graphics may have an impact on performance. To improve performance, pre-rasterize objects or use RPO functionality (Pre-RIP as resource)

Images (e.g. photos)

Color definition

- ICC tagged RGB or CMYK
- RGB or CMYK; align color management settings in operator panel
- CIELAB
- Gray; tag with ICC profile for gray simulation in process colors

Resolution / Compression

- 150 – 200 dpi for average quality
- 200 – 250 dpi for best quality
- avoid >300 dpi for performance reduction
- JPEG with High or Max Quality; avoid saving objects multiple times using JPEG compression
- LZW or ZIP
- Do not use JPEG 2000 or JBIG2
- Avoid rotation of rasterized objects PDF generation / Distiller settings Use default adobe distiller job definition: 'PDF/X3-2002' or 'High Quality Print'
- 'Leave colors unchanged' or 'tag for Color Management'
- Down sampling to 300 dpi
- Compression: high quality JPEG

TAC (Total Area Coverage)

Depends on the paper stock used. Typical max. TAC for:

- Standard paper (e.g. laser / offset): 200%-220%
 - Treated paper (inkjet optimized): 220%-240%
 - Premium quality paper (inkjet coating): 240%
 - Newsprint paper: 190% - 220%
- 1) Do not tag ICC profile or CMR
 - 2) Select 'RGB gray to black' in operator panel or select 'Device CMYK' in operator panel
 - 3) Select 'RGB gray to black' in operator panel.
 - 4) Only one input profile (RGB/CMYK) can be selected