

Thank you!

Thank you for taking the time to read these guidelines.

These specifications are for your artwork for **CD / DVD labels** and for **cd-r / dvd-r and rimage labels** only. Please refer to the CD label specifications for your label artwork.

These guidelines contain details of all the necessary standards and other information you need to ensure a trouble free processing of your data.

Our workflow requires all data to be processed in PDF-format. We therefore advise you to supply us with a high resolution PDF.

It is also possible to supply open-format data that we then convert to PDF using our standard settings and software. Please contact your customer service contact for our given rates or tariffs. The software packages we use at Profact are Adobe Creative Suite, QuarkXPress en Adobe Acrobat.

Profact uses MAC to process the files. When your artwork is made on a PC please always supply us with a PDF of your artwork.

We hope you enjoy reading this document and if you have any questions please do not hesitate to contact your dedicated customer services contact.

Profact International bv.

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Chapter 1 General

The following paragraphs will provide you with information of how your data should be presented in order to ensure that Profact can process your files.

Please only use professional software like Adobe InDesign, Adobe Illustrator or QuarkXPress for creating your artwork.

Microsoft software or Corel Draw will not give the same results and cannot be processed by Profact.

Chapter 2 CD/DVD label specifications

2.1 Label Print techniques & recommendations

Profact offers Screen-printing or Offset-printing for cd and dvd. You can choose for on body printing on the metallic surface of the discs or printing on a white surface. Please note that on body prints directly onto the metallic surface will look different to your proof print based on a white background. Profact checks the colors on a white background.

2.2 Choise of printing process

Silkscreen print

Each printing process has its advantages and disadvantages. Silkscreen print (40 lines/cm) is suitable for text and brilliant pantone colors and metallic colors. Silkscreen print is less suitable for detailed pictures because of the lower resolution.

A maximum of 6 colors can be printed inclusive the white flood. Pantone colors will be matched to the current color book.

The tone value for screen printing is 10% - 85% for an optimal print result. Colors with a value below 10% may disappear on the film and color percentages above 85 % can choke during printing.

Offset print

The offset print process is suitable for the reproduction of images. Fine details can also be printed due to the higher resolution of 60 lines. It is also possible to order a gloss varnish for more intense colors. Please contact your customer service contact for the given rates. For intense black a backing of yellow, magenta and cyan is expedient: e.g. 40% cyan, 20% magenta, 20% yellow.

A maximum of 6 colors can be printed inclusive the white flood. The two extra colors can be white flood and an extra pantone color or gloss varnish.

The tone value for offset printing is minimum 2% to maximum 98% for an optimal color result.

The color sequence in offset print is always: White, Cyan, Magenta, Yellow, Black and possible PMS or Gloss varnish. In case that you use PMS in your artwork as an additional color on the offset label please make sure that it is printed directly on the white surface.

Rimage

Profact also offers a Rimage label service for small order quantities. Rimage labels are printed in C(yan), M(agenta), Y(ellow) and B(lack).

A combination of Silkscreen and Rimage printing is also a possibility e.g. in case of serialization on your cd/dvd after the Silkscreen print. In this case please use the Rimage templates that have the necessary Rimage dash for a correct positioning of your cd/dvd in the Rimage printer.

CD-r, DVD-r and DVD+R

Profact can also print a label on CD-R, DVD-R or DVD+R using storage media purchased by Profact. We mainly use Taiyo Yuden CD-r and DVD+R, for DVD-r we mainly use TDK.

CD-R can be printed using silkscreen printing. The DVD-r and DVD+r can be printed in silkscreen and offset.

2.3 Job Folder

Our in-house process uses a standard job folder structure and we would be very grateful if you would adopt the same directory structure when arranging your data.

The standard Job folder is organized as follows:

Files:	HiRes PDF and/or QuarkXpress, InDesign files.
Art & Scans:	All images and graphics used in the layout.
Fonts:	All fonts used in the layout and the fonts used in the images/graphics.
Read me:	Additional information (color scheme, folding method, sidedness, etc.) in a "read me" file.

The Profact workflow can process PDF files only. Additional activities required to prepare the open files will cause delay and will lead to extra costs.

2.4 Standaard templates

Please use our standard templates for your layout. Do not modify, do not delete or move anything and do not ungroup any groups. If you deliver a PDF it is absolutely essential that you use our template for your layout. Supply your artwork without template on the first page of your PDF and on the next page place your artwork on the template leaving the template in the artwork using a solid PMS color. In this way we know how you want your artwork to be positioned.

If you are not able to supply us your artwork on template Profact will position your artwork on our templates and will send you a binding PDF for approval. Please note that this PDF is for the approval of positioning only and cannot be considered as a color reference. The production lead-time will start after your approval.

When you do not use our template for your artwork do not place a center hole in your layout as this will cause fitting problems when placing your artwork on the template.

Please refer to our website www.profact-international.com for downloading your templates.

2.5 Font size and font management software

In order to make sure that fonts are handled correctly is to make use of a font management program, such as Adobe Type Manager or Extensis Suitcase.

This way you can be certain that all fonts will be embedded correctly into the PostScript file. This is because in addition to managing the fonts, the font management program will provide a warning if defective, incomplete or repeated fonts are present.

Your layout project should only include those fonts that are absolutely necessary. Please avoid using Multiple Master fonts and always select unmodified font styles. EPS files must always use fully embedded fonts. Save your Illustrator files always with the fonts and replace letters to contours. Use Post Script fonts and do not use text styles as "outlines", "bold" or "italic" but chose the correct font in the font menu.

The minimum font size for silkscreen is 7 points and for Offset 5 points using a sans-serif letter type.

2.6 Colormode and special colors

The colors used in you files must be created using the CMYK color space in case of offset print with the exception of solid colors. Solid colors must be given valid, unique names in your file using the pantone color number. For example: PMS 368.

Files with different color spaces will not be accepted. In case that the file uses RGB, Profact can convert your file to CMYK using our designated settings, standards and software. The converted file will only be used for production after your approval. Profact does not accept responsibility for loss of quality in the final product.

Please specify if your artwork should be printed onto a white background or if it should be printed directly onto the metallic surface of the disc.

2.7 Resolution images and line thicknesses

The resolution of the used CMYK and grayscale images has to be minimum 300 dpi at a placement of 100 %

Please use EPS or Tiff files for all your images and graphics.

Chapter 3 Printdiameters

Profact metalizes the CD's between diameter 37mm and diameter 117mm. The part between the center hole and the 37 mm is transparent. For the CD label print we can offer you two options: 1. we fully print the cd inclusive the transparent part or 2. We print until the transparent part. DVD's are fully metalized.

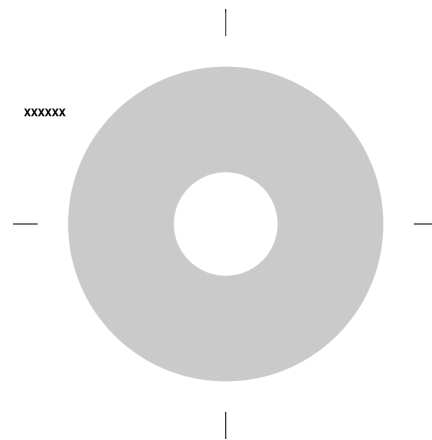
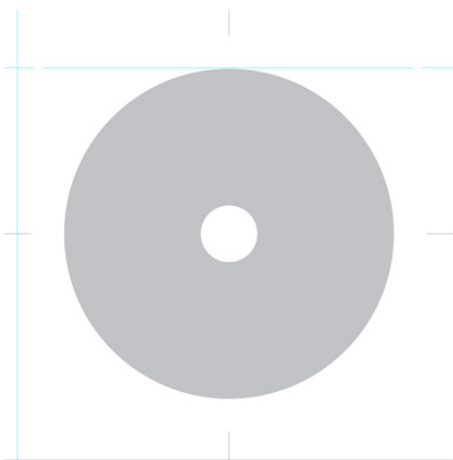
3.1 Cd label print

Option 1 Full print

Outer diameter 117 to inner diameter 20 mm

Option 2 Print until the transparent part

Outer diameter 117 to inner diameter 37 mm



3.2 Dvd label print

Option 1 Full print

Outer diameter 117 to inner diameter 20 mm



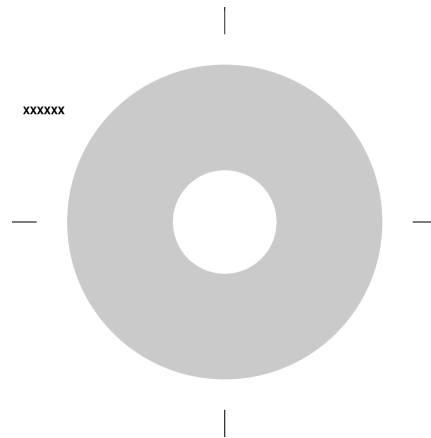
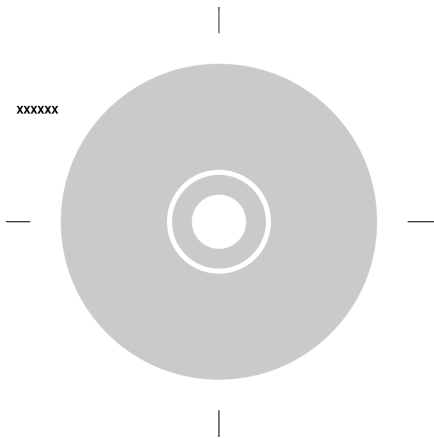
3.3 CD-r/DVD-r label print

Option 1 Full print

Outer diameter 117 to inner diameter 20 mm
Note: knock out the stacking ring in your artwork in case of CD-r printing.

Option 2 Printing until stacking ring

Outer diameter 117 to inner diameter 38, 5 mm



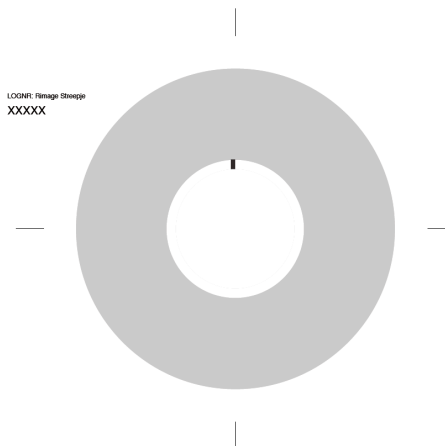
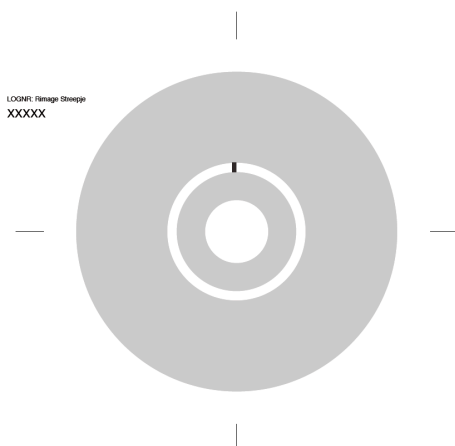
3.4 Rimage CD-R label print

Option 1 Full print

Outer diameter 117 tot to inner diameter 20 mm.
NOTE: knock out in the inner ring for rimage dash.

Option 2 Printing until stacking ring

Outer diameter 117 to inner diameter 50 mm
NOTE: knock out in the inner ring for rimage dash.



Chapter 4 File transfer options

Please inform your customer service contact when you have uploaded your data.

You can use the following options for supplying your data:

CDR/DVDR

Please label your cd/dvd with the customer name, title and "artwork label" and send them to the attention of your customer service contact.

E-Mail

Profact prefers to receive your files by cdr/dvdr or by FTP. Only small files can be sent by mail. Profact cannot receive ZIP files as they are automatically blocked because of our CDSA protection policy.

FTP – Server

If you do not have a personal log-in code for your personal file on the FTP-Server please contact your Customer Services contact who can help you obtain a personal log-in code.

Please make sure that your files are always accompanied by a sample by means of a hardcopy or a preview PDF to make sure that there is no mistake as to how you would like to have your artwork positioned or how the correct page order should be.

If you want to compress your files before transferring it to the FTP server please use either Stuffit or Zipit.

Please do not use PCs to compress your files. In most cases the font-files get damaged.

Chapter 5 Contacts

We appreciate it if you would use our standards in your organization. Please do not hesitate to contact us in case you have any questions.

You can reach us during office hours from 08:30 to 17:00 hours.

General telephone number

00 31 (+76) 5333 100

Address:

Profact International bv.
To the attention of: "*customer services contact name*"
PO Box 3174, 4800 DD Breda
Zoete Inval 8, 4815 HK Breda
The Netherlands