



artwork for CD & DVD face printing

(Note: these CD & DVD face specifications are only for discs printed by 2312. Other suppliers or other printing methods such as Litho and Screen-Printing will have different requirements).

The CD or DVD face image to print should be constructed as a square image on a canvas size of 118mm x 118mm (1394 pixels by 1394 pixels) at 300 dpi with no bleed. The centre hub of the CD or DVD (a circle of 22mm or 259 pixels diameter at 300 dpi) is normally unprintable, and therefore no useful information should encroach upon this area. However, image backgrounds should be left to flow into and over this area - they will be masked automatically when printing.

For the closest accuracy, all colours should preferably be specified within an RGB colour space using the sRGB/sYCC profile.

Printing onto a coated plastic substrate is substantially different from printing onto bleached white paper, and therefore **absolute colour accuracy cannot be guaranteed**. It is recommended that an accurate colour proof be supplied with all artwork to aid visual colour matching, and especially so if close colour accuracy is important (i.e. company logos). 2312 will do its very best to closely match all colours, but offer no guarantees.

Acceptable Image formats:

Flattened (raster) images (in order of preference)

- Photoshop.psd
 - Portable Network Graphics.png (24bit or greater)
 - Jpegs.jpg (use zero or low compression to avoid artefacts)
 - Tiffs.tif
 - Targas.tga
 - Bitmaps.bmp
- Virtually all other *popular* formats can be imported and converted.

Vector and layered images (in order of preference)

Most common formats are supported including:

- Photoshop.psd
- Macromedia Fireworks.png
- Tiffs.tif
- Adobe Illustrator.ai
- Corel Draw.cdr
- Encapsulated Postscript.eps (can be used but is not recommended due to version incompatibilities)

When supplying vector or layered images that include text, be aware that all fonts used must exist on both the creator system and the printing system. It is therefore recommended that text that does not use common Windows TrueType fonts be constrained to its own layer(s) and that these layers be flattened and rasterized.

An Adobe Photoshop CS template is available from <http://www.2312media.co.uk/duplication.html>