# Prepress Specifications

*Here are a few useful tips that will help make your artwork 'work'*
*in our prepress department.*

## Preferred Applications & File Types

**Vector Based Applications (Line Art is preferred for screen printing techniques)**
- Illustrator up to CC    ~ .ai .eps .pdf
- Autocad ~ .dxf .eps .pdf (.pdf preferred)

**Raster Application (Pixel Art used for CMYK digital / screen printed products)**
- Photoshop up to CC    ~ .ps .eps .tif .jpg .bmp

**Vector & Raster Application (for multiple page layout and data merge)**
- Indesign up to CC

## Supplying Files

**Supplying CoralDRAW files as .eps .ai or .pdf  (imported into Illustrator by Permark)**
- Please be aware;
  - ~ Custom effects may be lost (such as lenses)
  - ~ CoralDRAW files may require editing; supplying dimensions is advised
  - ~ EPS images placed in CoralDRAW cannot be imported
  - ~ Linked pictures (min 300dpi) must be supplied separately

**Supplying AutoCad files as .dxf .eps or .pdf (PDF preferred – imported into Illustrator by Permark)**
- Please save line art as closed polylines, so arcs and lines are continuously connected when possible

**Supplying high resolution bitmap files as .ps .eps .tif .jpg .bmp**
- eps' and tiffs must be 300dpi, jpgs must be set at maximum quality (12), bitmaps at 1200dpi and not smaller than actual size used in your artwork
  - ~ If type is included in a Photoshop file, it must be on a separate layer as fonts and the unflattened file saved as .ps (files may have to be recreated to varying levels)
  - ~ Bitmap files that are printed with spot colours need to be supplied as separate spot channels in Photoshop

**Fonts & Graphics**
- For spot colours please specify PMS (Pantone) numbers when possible. Colour samples may need to be supplied for accuracy
- **Supply fonts, or convert fonts to paths or outlines.** Converting fonts to outlines is safest, however we won't be able to change text in your art unless we know what the font is and have it
- Minimum line weight for print is **0.15mm** & **0.22mm** for etching, this may affect small type & symbols
- Minimum bleed for graphics printed to edge is 2mm

**Collecting For Output**
- When sending raw files, please ensure you have collected all hi-res links and fonts
  - ~ eps' or tiffs must be 300dpi, jpgs must be set at maximum quality (12), bitmaps at 1200dpi and not smaller than actual size used in your artwork

**Serial Numbering, Barcoding & Variable Data**
- Database to be saved in Excel

**Unacceptable Formats**
- Quark, Pagemaker, Publisher

**Acceptable Formats for Reference Only**
- Word, Excel, Powerpoint