

DATA TRANSMISSION BY

• Wetransfer • CD or DVD • E-mail (>10MB) prepress@heliospackaging.com

Transmissions of electronic files is quicker and more reliable if the files are compressed. To transfer files, first collect and compress them into a single archive using stuffit for Mac or WinZip for PC.

ARTWORK FILE FORMAT



Illustrator CC 2019

Artwork to be supplied on positional drawing, layered and with all fonts outlined.
Remove all unused colors in artwork. All images should be linked to the Illustrator File.



Photoshop CC 2019

All relevant images to be supplied in CMYK @ 300ppi and 100% with any relevant channels included.
All images should be layered so that we can made distortions easily.



PDF

PDF files can be supplied for visual purposes only allowing Helios Packaging to make any relevant comments regarding the design before final artwork is supplied.

ARTWORK SPECIFICATIONS



Text Size negative 6pt, positive 4pt.

Text must be set according to the European Legislation 1169/2011.

Line Size negative 0.2mm, positive 0.1mm.



Trapping
0.15mm

Maximum Number of printing Colors (8)

Our Flexo printing presses can print a maximum of 8 colours including white(s) for opacity and lacquers or varnishes, also metallic inks.

Colour sequence as follows:



Barcodes

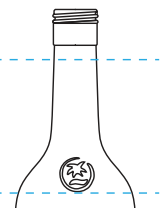
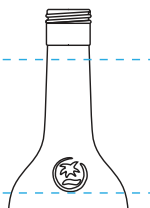
Reccommended barcode size is 80% - 140% magnification always place vertically to avoid readability after shrinking.



Pre-distortion

Helios Packaging can manipulate artwork as necessary to ensure designs are pre-distorted to render satisfactory on products after shrinkage has been applied.

To many objects for a good Pre-distortion



Screens/Screen Angles

Please see tabel below for Flexo specifications.

| | Screen Angles | LPI round dots | Min plate dot | Min print dot | Min gradation | Max before solid | Density |
|-------------|---------------|----------------|---------------|---------------|---------------|------------------|---------|
| Cyan | 7° | 150 | 0.4% | 4% | 1% | 97% | 1.45 |
| Magenta | 67° | 150 | 0.4% | 4% | 1% | 97% | 1.50 |
| Yellow | 82° | 150 | 0.4% | 4% | 1% | 97% | 1.35 |
| Black | 37° | 150 | 0.4% | 4% | 1% | 97% | 1.70 |
| Spot Colors | 37° | 119 | 0.4% | 4% | 1% | 97% | 1.60 |
| White | 37° | 150 | 0.4% | 4% | 1% | 97% | 1.70 |