CUP CONCEPT®

Our screen prints provide brilliant and very colourful print images with perfect fit and with a long service life.

The screen printing technique is particularly suitable for:

- Logos
- Letterings
- Illustrations
- Motifs with special colours

Printing guidelines for screen printing

- Please send us your print data as a PDF file (at least PDF X/4).
- In screen printing, it is possible to print in CMYK or in 4 special colours plus white as special colour for highlighted areas in each case.
  For motifs with more special colours, we will be pleased to prepare a quotation for you.
- We would like to ask you to clearly define special colours in accordance with the RAL, HKS or Pantone Solid coated C colour charts.
- In screen printing, we print in halftones from 71 to max. 91 lpi.
  Please take this in consideration in your design.
- For graphic elements such as logos, you should preferably work with vector graphics.
- Graphic elements and areas are not automatically highlighted in white.
  Please provide areas highlighted in white with a visible special colour as a 5th colour with a low colour value and clear labelling.
- Please do not define any extractions by means of an Alpha channel.
- Gradients, effects, cast shadows passing into a transparency are not possible.
- The minimum font height should be 3 mm (approx. 12 pt for Arial).
- Positive line thicknesses should not be less than 2/10 or 1 pt.
- Negative line thicknesses should not be less than 3/10 or 1.5 pt.
- The image resolution for pictures should be at least 300 dpi. Print images with text and image, with text only or with sharp-edged elements should have a resolution of 1200 dpi as a pixel file or be delivered as a vector file.
- Create your two-dimensional print images always as rectangle and never in curved form.
  We will perform the bounding of the data for you.
- Please convert fonts into paths or provide us with data with embedded fonts.

We will print your motif on a plastic film and then put it into the injection mould of the cup. Your motif will thus be fully covered and protected behind a plastic layer. The result is a very smooth, rimless surface which prevents any build-up of contamination, even any build-up of liquid, behind the design.

We recommend our IML photo printing for:

- Photographs
- Motifs with a wide range of colours
- All-round motifs
- CMYK colour structure
- Large quantities

Printing guidelines for IML photo printing

- Please send us your print data as a PDF file (at least PDF X/4).
- In IML photo printing, we will print in CMYK with one additional special colour "white" (as highlighting).
  For motifs with more special colours, we will be pleased to prepare a quotation for you.
- For graphic elements such as logos, you should preferably work with vector graphics.
- All graphic elements and areas as well as images with a filling (also paper white or CMYK white) will be highlighted in white unless they are provided with a Photoshop clipping path.
- Please do not define any extractions by means of an Alpha channel.
- Gradients, effects and cast shadows passing into a transparency are not possible.
- Please avoid motifs with clear forms and contrasting colours.
- Gradients should only be used sparingly.
- The minimum font height should be 3 mm (approx. 12 pt for Arial).
- Positive line thicknesses should not be less than 2/10 or 1 pt.
- Negative line thicknesses should not be less than 3/10 or 1.5 pt.
- Create your two-dimensional print images always as rectangle and never in curved form. We will perform the bounding of the data for you.
- The image resolution should be at least 600 dpi.
- Please convert fonts into paths or provide us with data with embedded fonts.

Print image sizes

Please create the width and height of your print PDFs in accordance with the information specified in this table. You do not need any bleed difference and printing registration. The dimensions differ depending on the cup type, size and type of printing. Please take this also in consideration for mixed orders with different configurations.

Cup type		Size	Screen printing		IML photo printing		Digital printing	
			Width	Height	Width	Height	Width	Height
Allround Cup	PP transparent	0.2 l	201.5 mm	35 mm	–	–	–	–
Allround Cup	PP transparent	0.3 l	213.5 mm	60 mm	–	–	–	–
Allround Cup	PP transparent	0.4 l	213.5 mm	80 mm	–	–	–	–
Arena Cup	PP transparent	0.5 l	125.0 mm	90 mm	226.8 mm	135.0 mm	–	–
Vending Machine Cup PP Coffee		0.18 l	163.0 mm	60 mm	–	–	–	–
Design Cup	PP transparent	0.2 l	180.0 mm	55 mm	174.3 mm	106.5 mm	199.2 mm	89.2 mm
Design Cup	PP transparent	0.25 l	188.5 mm	70 mm	183.8 mm	117.7 mm	213.4 mm	101.0 mm
Design Cup	PP transparent	0.3 l	201.5 mm	75 mm	194.9 mm	121.7 mm	224.1 mm	107.0 mm
Design Cup	PP transparent	0.4 l	220.0 mm	85 mm	213.2 mm	133.5 mm	245.1 mm	118.2 mm
Design Cup	PP transparent	0.5 l	229.2 mm	95 mm	223.9 mm	146.5 mm	257.4 mm	132.5 mm
Design Cup	PC crystal clear/glitter	0.1 l	151.0 mm	42 mm	–	–	–	–
Design Cup	PC crystal clear/glitter	0.2 l	180.0 mm	55 mm	–	–	–	–
Design Cup	PC crystal clear/glitter	0.25 l	188.5 mm	70 mm	–	–	–	–
Design Cup	PC crystal clear/glitter	0.3 l	201.5 mm	75 mm	–	–	–	–
Design Cup	PC crystal clear/glitter	0.4 l	220.0 mm	85 mm	–	–	–	–
Design Cup	PC crystal clear/glitter	0.5 l	229.2 mm	95 mm	–	–	–	–
Event Cup	PP transparent	0.3 l	110.0 mm	70 mm	194.4 mm	120.7 mm	–	–
Event Cup	PP transparent	0.4 l	120.0 mm	80 mm	214.5 mm	132.3 mm	–	–
Event Cup	PP transparent	0.5 l	130.0 mm	85 mm	226.4 mm	157.2 mm	–	–
Event Cup	PP transparent	1.0 l	180.0 mm	95 mm	–	–	–	–
Hot To Go Cup	PP transparent	0.2 l	201.0 mm	40 mm	237.6 mm	53.9 mm	–	–
Hot To Go Cup	PP transparent	0.3 l	201.0 mm	69 mm	240.4 mm	83.4 mm	–	–
SL Cup	PP transparent	0.25 l	–	–	227.8 mm	73.3 mm	–	–
SL Cup	PP transparent	0.3 l	–	–	227.8 mm	89.2 mm	–	–
SL Cup	PP transparent	0.4 l	–	–	219.8 mm	93.3 mm	–	–
SL Cup	PP transparent	0.5 l	–	–	231.2 mm	106.5 mm	–	–
Super Cup	PP transparent	0.3 l	115.0 mm	80 mm	–	–	–	–
Super Cup	PP transparent	0.4 l	125.0 mm	75 mm	–	–	–	–
Super Cup	PP transparent	0.5 l	125.0 mm	90 mm	227.0 mm	156.9 mm	–	–
Super Cup	PP transparent	1.0 l	160.0 mm	105 mm	308.1 mm	167.8 mm	–	–
Cocktail Cup	PC crystal clear	0.3 l	242.0 mm	35 mm	–	–	–	–
Ice Cup	PP frosted	0.3 l	201.5 mm	75 mm	–	–	–	–
Long Drink Cup	PC crystal clear	0.2 l	157.0 mm	85 mm	–	–	–	–
Sparkling Wine Cup	PC crystal clear	0.1 l	140.0 mm	30 mm	–	–	–	–
Wine Cup	SAN crystal clear	0.2 l	223.0 mm	30 mm	–	–	–	–
Champagne Glass	SAN crystal clear	0.1 l	175.0 mm	25 mm	–	–	–	–
Wheat Beer Cup	SAN crystal clear	0.5 l	240.0 mm	50 mm	–	–	–	–