

# SCREEN/TAMPO PRINTING



## SCREEN AND TAMPO PRINTING

Depending on the print image, we offer customised silk-screen or tampon printing.

## PRINTING COLOURS

The colour definition should be based on RAL Classic or Pantone specifications (Formular Guide).  
The metallic colour RAL 9006 (white aluminium) is available as a standard printing colour.  
Other metallic colours according to RAL Classic are available upon request!

We can mix your paint from 12 available basic colours, using our own paint mixing system.  
This guarantees consistently high quality and short delivery times.

Special printing inks such as fluorescent colours, metallic colours or phosphorescent colours are purchased pre-mixed.

A colour deviation of up to  $\Delta E = 2.5$  is possible.

Appropriate films, screens and printing plates are required for each printing area / printing colour.

## FONT SIZE, LINE WIDTH, SPACING

The minimum font size is 1.5 mm and the minimum line width is 0.25 mm.  
The minimum spacing between lines, letters or symbols that are not to be printed adjacent to each other is 0.5 mm.

### TECHNICAL SPECIFICATIONS FOR SCREEN PRINTING

Max. print area	400 x 500 mm
Max. print height	180 mm
For recessed surfaces	
Distance to edge	10 mm
Maximum depth	1 mm

### TECHNICAL SPECIFICATIONS FOR TAMPO PRINTING

Max. print area	100 x 100 mm
Max. print height	500 mm
For recessed surfaces	
Distance to edge	5 mm

# SCREEN/TAMPO PRINTING

## FLUORESCENT INKS

### SPECIAL PRINTING INKS

Printing in fluorescent inks (fluorescent colours/neon colours) using screen/tampo printing, e.g. yellow, orange, red, pink and green. These convert invisible UV light into visible light. Colours with the same light intensity are then perceived to be brighter. This provides a significant increase in contrast in diffuse light conditions and in hazardous areas. Depending on the application, the fluorescent inks have a warning effect (hi-vis colour) and attract greater attention (signal colour).



## PHOTOLUMINESCENT INKS

### SPECIAL PRINTING INKS

Printing with photoluminescent inks (phosphorescent inks) using screen printing. These are special lacquers that are mixed with phosphorus particles. They store light energy and emit it again at night or in dark environments using the luminescence (= cold glowing) principle. Generally speaking photoluminescent inks are not intended for dark backgrounds. Possible fields of application: warning signals, safety and orientation signs, highlighting of important equipment functions (e.g. for medical equipment) and much more.

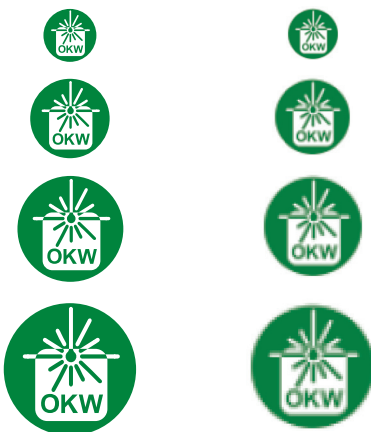


## WHAT INFORMATION DO WE REQUIRE AT THE ENQUIRY STAGE?

At least a detailed description of the desired lettering, number of colours required, a dimensional sketch or PDF drawing indicating the position and size of the lettering (length, width).

## WHAT INFORMATION DO WE REQUIRE AT THE ORDER STAGE?

We require the print file as a vector graphic (not a raster graphic) on a scale of 1:1, preferably as a .cdr, .eps or .dxf file. It must be possible to edit all contents of the file.  
Colours are defined in accordance with RAL Classic or Pantone (Formula Guide).



VECTOR GRAPHIC

RASTER GRAPHIC

