

There are certain requirements for each technique that we use.

### 1. Pad Printing

- Details as Trade mark TM or Registration mark ® must be greater than 0.8 mm height;
- Texts in positive must be greater than 1 mm height;
- Texts in negative must be greater than 1.5 mm height;
- The line thickness in positive must be greater than 0.3 pt (0.1 mm);
- The line thickness in negative must be greater than 0.7 pt (0.25 mm);
- The gradient line thickness must be greater than 1.5 pt (0.5 mm).
- Noticeable gradient starts from 15%.

### 2. Silkscreen

The sizes of the imprint can vary from 0.5x0.5 cm to 40x55 cm.

There are some recommendations though:

- Trade mark TM or Registration mark ® won't be visible under 2 mm height;
- Texts in positive must be greater than 2.5 mm height;
- Texts in negative must be greater than 3 mm height;
- The gradient thin texts are not possible / to avoid;
- The line thickness in positive must be greater than 0.25 mm;
- The line thickness in negative must be greater than 0.45 mm;
- The gradient line thickness must be greater than 1.5 pt (0.5 mm).

For printing on textiles the restrictions are:

- Texts in positive and negative must be greater than 5 mm;
- Line thickness in positive/negative must be greater than 0.35 mm.

### 3. Laser Engraving

The maximum engraving size is given by the shape of the item. For flat surfaces the maximum engraving size is 80x100 mm.

For this technique the restrictions are:

- Details as Trade mark TM or Registration mark ® won't be visible under 0,8 mm height;
- Texts in positive must be greater than 1.0 mm height;
- Texts in negative must be greater than 1.5 mm height;  
(TEXTS IN NEGATIVE ARE NOT RECOMMENDED)
- The line thickness in positive must be greater than 0.02 mm;
- The line thickness in negative must be greater than 0.12 mm;
- The gradients are not possible.

### 4. Digital Printing

No Pantone Matching System color; there are interpreted by CMYK ink.

The characteristics of the imprint depend on the printer's performances but it is suggested:

- Trade mark TM or Registration mark ® must be greater than 1 mm height;
- Texts in positive must be greater than 1.2 mm height;

- Texts in negative must be greater than 1.5 mm height;
- The line thickness in positive must be greater than 0.08 mm;
- The line thickness in negative must be greater than 0.17 mm;
- The gradient line thickness must be at least 0.5 pt (0.17 mm).
- The minimum of gradients must be C:8% / M:8% / Y:12% / K:8%.

#### 4. Digital Printing

No Pantone Matching System color; there are interpreted by CMYK ink.

The characteristics of the imprint depend on the printer's performances but it is suggested:

- Trade mark TM or Registration mark ® must be greater than 1 mm height;
- Texts in positive must be greater than 1.2 mm height;
- Texts in negative must be greater than 1.5 mm height;
- The line thickness in positive must be greater than 0.08 mm;
- The line thickness in negative must be greater than 0.17 mm;
- The gradient line thickness must be at least 0.5 pt (0.17 mm).
- The minimum of gradients must be C:8% / M:8% / Y:12% / K:8%.

#### 5. Digital Transfer

- Trade mark TM or Registration mark ® can't be cropped under 1.2 mm height;
- Texts in positive/negative must be greater than 1.5 mm height;
- The line thickness in positive/negative must be greater than 0.1 mm;
- The gradient line thickness must be greater than 0.2 mm;
- Minimum of gradients - C:8% / M:8% / Y:12% / K:8%

#### 6. CO2 Engraving

The maximum engraving size is 100x100 mm.

Even though not all the materials react in the same way the general characteristics of this technique are:

- Trade mark TM or Registration mark ® must be greater than 1.9 mm height;
- Texts in positive must be greater than 2.45 mm height;
- Texts in negative must be greater than 2.45 mm height;  
(TEXTS IN NEGATIVE ARE NOT RECOMMENDED)
- The line thickness in positive must be greater than 0.085 mm;
- The line thickness in negative must be greater than 0.2 mm;
- The gradients are not possible.

### 7. Diamond Engraving

- Details as Trade mark TM or Registration mark ® won't be visible under 4 mm height;
- Texts in positive must be greater than 2.5 mm height;
- Texts in negative must be greater than 3 mm height;
- The line thickness in positive must be greater than 0.2 mm;
- The line thickness in negative must be greater than 0.3 mm;
- The gradients are not possible.

### 8. Doming

For this technique there's no limitation, maybe the size and shape of the items.

- Trade mark TM or Registration mark ® won't be visible under 1 mm height;
- Texts in positive must be greater than 1.2 mm height;
- Texts in negative must be greater than 1.5 mm height;
- Texts with gradient must be greater than 2.4 mm height;
- The line thickness in positive must be greater than 0.08 mm;
- The line thickness in negative must be greater than 0.17 mm;
- The gradient line thickness must be greater than 0.5 pt (0.17 mm);
- The minimum of gradients must be C:8% / M:8% / Y:12% / K:8%.

### 9. Embroidery

Depending on the item and on the frame size, there are a few maximum embroidery sizes.

- The minimum letter size is 5 mm high;
- The line thickness must be at least 1mm thickness;
- The gradients are not possible.

### 10. Hot Stamping

The maximum printing size for this technique is 100x100 mm.

Is good to know that sometimes the very small details can't be well printed, that is why there are some restrictions:

- Details as Trade mark TM or Registration mark ® won't be visible under 1.8 mm height;
- Texts in positive must be greater than 2 mm height;
- Texts in negative must be greater than 2.5 mm height;
- The line thickness in positive must be greater than 0.5 mm;
- The line thickness in negative must be greater than 0.5 mm.

The texture of the material can influence these restrictions.

### 11. Round Screen Printing

Round screen printing is 360 print technique with the max print size of 180 mm height, but there are also other specifications that should be kept in mind:

- The minimum letter size in negative is 2 mm high;
- The minimum letter size in positive is 1.5 mm high;
- The line thickness must be at least 0.15 mm thickness;
- The gradients are not possible;
- CMYK logos are not possible;
- Trade mark TM or Registration mark ® won't be visible under 1.6 mm height;
- Screen printing round is only possible on straight items;
- It should start at least 10 mm distance from the top or bottom of the item;
- The distance between the beginning and the end of the logo should be at least 5 mm wide.

Depending on the logo, printing on cone-shaped items is also possible.

### 12. Screen transfer

The maximum size of the imprint we can make by screen transfer is 45 x 35cm.

Other details related to the minimum size of the imprint:

- Trade mark TM or Registration mark ® would not be visible under 2 mm height;
- Texts in positive and negative must be greater than 2.5 mm height;
- Line thickness in positive and negative must be greater than 0.25 mm.

### 13. Sublimation

Being an image printed by digital techniques, the restrictions are reduced to the printer's performances:

- Trade mark TM or Registration mark ® won't be visible under 1 mm height;
- Texts in positive must be greater than 1.2 mm height;
- Texts in negative must be greater than 1.5 mm height;
- Gradient texts must be greater than 2.4 mm height;
- The line thickness in positive must be greater than 0.08 mm;
- The line thickness in negative must be greater than 0.17 mm;
- The gradient line thickness must be greater than 0.5 pt (0.17 mm);
- The minimum of gradients C:8% / M:8% / Y:12% / K:8%.