

DIGITAL PRINTING ON ENCLOSURES



DIGITAL PRINTING

The digital printing process allows the printing of enclosures with flat surfaces and with printed areas that do not exceed a maximum height difference of 0.06", as well as panels and display windows.

The print resolution is 1440 × 1200 dpi.

Maximum enclosure size: 23.62" × 15.75" × 9.45".

Maximum load bearing capacity of the machine bed: 5 kg

DIGITAL PRINTING COLORS

In digital printing, colours are created by overlaying tiny dots of the four primary colors

Cyan, Magenta, Yellow and Key (black) – CMYK

The printing inks can be adjusted to match RAL Classic or Pantone (Formula Guide) color specifications.

Color deviations of $\Delta E = 2,5$ are possible.

ADVANTAGES

- Multiple colors can be printed in a single process, color gradients are possible.
- Apart from the print file, no other printing templates, such as films, screens or blocks, are required.
- It may be possible to print several enclosures in one printing operation.
- This requires a multi-part device (special fixture costs apply).

PARTICULARLY SUITABLE FOR

- Multicolor printing (height difference of the printable surface < 0.06"), color gradients, sequential numbering, barcodes and QR codes.
- Transparent display windows can be printed to be light-proof.
- Materials suitable for printing include plastics such as ABS, PC, ASA, ASA+PC, aluminum and glass.

NOT SUITABLE FOR

- Enclosures with uneven or curved surfaces with a height difference exceeding 0.06".
- Special colors such as metallic colors, glossy colors, fluorescent colors and photoluminescent colors cannot be printed using the digital printing process.

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FONT SIZE, LINE WIDTH, SPACING

The minimum font size of 0.06", the minimum line thickness of 0.01", and the minimum spacing between lines of 0.02" that are not to be printed next to each other should not be exceeded.

WHAT INFORMATION DO WE REQUIRE AT THE INQUIRY STAGE?

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

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.

CMYK color specifications, alternatively RAL Classic or Pantone (Formular Guide).



VECTOR GRAPHIC

RASTER GRAPHIC