

Register Printing

Printing registration enables multi-color printing of each color overlapping the others precisely.



Silkscreen printing is one of the most common techniques for packaging decoration, but it has a limitation. It is best when restricted to one color printing, for more than two colors, it needs the help of the registration mark.

Registration marks are indentations on the bottom of plastic containers that help the printer to register, lock, and line up the component in the specific direction, regardless of the component shape.

The registration mark allows a printer to position the component into the printing machine and enables multiple color printing. The more colors required for the final imagery design, the more challenging the process is.

A successful, precise multi-colored register printing depends on:

- Registration marks
- Locking mechanism
- Print machine
- The tension of the screen
- Ink squishing process
- Ink viscosity
- The quantity printed
- The complexity of artwork