

Achieving your best print.

We are here to help.



Great looking graphics are essential for representing your customer's brand. And a good foundation is the key to obtaining accurate, repeatable print outcomes – every time.

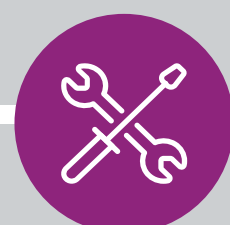
Your best print starts with the basics:



Environmental conditions of the print room and media.



Using **media profiles** specifically for your printer and media.



Consistent printer maintenance.

Without taking proper steps to ensure print quality, you may lose valuable time and product reprinting graphics that do not meet your customer's expectations. Let's get there together with some simple tips for a great print.



Tips for a successful outcome:



Environmental conditions

A print room must be a clean, well ventilated, temperature and humidity controlled room; in an area away from dust and dirt caused by high traffic.

Optimal conditions are:

- A separate, enclosed room.
- 70-75° F / 21-23.8° C.
- 50-72% Relative humidity.

Static can negatively affect ink lay down due to the attraction of dust and dirt. Manage static by controlling some key things:

- Keep items such as rugs or carpets away from printer.
- Utilize a 'static string' accessory when printing.
- Ensure proper electrical grounding for the body of the machine by grounding to something away from the physical printer.

Media should be stored in the print room at least 24 hours prior to printing; and must be clear of dust and debris before, during, and after the process of printing. We also suggest gloves for handling the media to ensure contaminants are not transferred from your hands to the media surface.



Media profiles

Information from a digital file is what a RIP software relies on to translate color information from the source format (e.g. RGB) to the printer's color gamut (CMYK).

The bundled information considers variables with the printer, ink performance, shop environmental conditions and media performance to get your best achievable print.

Printing without printer profiles can cause:

- Banding
- Ink pooling
- Inaccurate colors
- A print that does not resemble the original proof.



Printer maintenance

Keeping a printer cleaned and serviced is important for longevity and production uptime. Each manufacturer has their own recommendations, and this can vary from printer-to-printer.

Depending on your specific usage, we recommend setting up additional maintenance routines of cleaning and hardware inspection 1-2x per month - to get the maximum benefit out of your printer and production time.

For increased uptime of the printer, consider keeping extra inventory of the following (that apply):

- Ink
- Wipers
- Maintenance cartridges
- Sponges
- Rubber gloves
- Cleaning tools (e.g. swabs)
- Cleaning fluids (e.g. alcohol)



Commercial Solutions
3M Center, Building 280
St. Paul, MN 55144 USA

Phone: 1-800-328-3908
Web: [3M.com/Graphics](https://www.3m.com/Graphics)

© 3M 2022. All Rights Reserved. Printed in USA.
Please recycle. 3m is a trademark of 3M Company.
Used under license in Canada.