



GENERAL CONCEPTION REGARDING DYE AND PIGMENTED INK

Both dye and pigment ink is used in most modern printers and sometimes a mixture of both are used in the same printer. Like in the Canon printers using the PGI-5BK (pigmented) and the CL8-C CL8-M CL8-Y dye based inks.

We use black dye ink in our Canon CISS and ink cartridges without any problem.

Nearly all the desktop printers can use just dye ink without clogging the printhead, the only drawbacks are that photographic prints will fade over a period of time.

If you need to have photographs that will last for years buy a printer that only uses pigmented inks and stick to that ink.

For general everyday printing at home or in the office dye inks will suffice (and they are a lot cheaper than pigmented inks). Universal inks will print excellent photographs and graphics, but if you are aiming for the ultimate manufactures quality only buy the same Ink or ink cartridges made by the printer manufacturer.

Over a period of time dye inks and (moreso) pigmented ink will clog the print head and will take some effort to clean. We provide print-head cleaning flush in 125ml bottles and combined with your head cleaning software should make head cleaning effortless! We have found this method most satisfying when all else has failed.

If you purchase our universal inks and are getting excellent results we want to here from you, if you are not satisfied with your universal inks we still want to here from you! Let us know your opinions. Please note: if your not happy with any of our products just return them to Laser Designs for a full refund.

The Hidden Agenda: Most inkjet printer manufacturers sell their printers at or below production cost, while dramatically marking up the price of the (OEM) ink cartridges. Some inkjet printer manufacturers enforce this product tying using microchips and updated firmware in the cartridges to prevent the use of third-party or refilled ink cartridges. Even if the cartridge is refilled the microchip will indicate to the printer that the cartridge is depleted. For some printers special circuit re-setters are available that reset the quantity of remaining ink to the maximum. Some manufacturers, most notably Epson and Hewlett Packard, have been accused of indicating that a cartridge is depleted while a substantial amount of ink remains.

A 2007 study found that most printers waste a significant quantity of ink when they show a cartridge to be empty. Single-ink cartridges were found to have on average 20% of their ink remaining, though actual figures range from 9% to 64% of the cartridge's total ink capacity depending on the brand and model of printer. This problem is further compounded with the use of multi-ink cartridges, which are declared empty as soon as one color runs low.

Laser Designs also sell chip re-setters to get over the above problems on 99% of OEM and compatible ink jet cartridges. We have them in stock for Epson desktop and wide format printers plus Canon desktop printers.