TOPFLIGHT INNOVATIONS

Color Ink Matching

Color is a crucial element of many label or package designs. Topflight has one of the most sophisticated and precise color matching systems available. Utilizing both computer analysis and experienced color experts, we can provide near perfect matches from specified standards or sample swatches – even from something as small as a makeup kit. Proofs are generated using ink draw downs on customer-specified material so there are no surprises when the final product arrives.

For guaranteed repeatability of an approved color, digital measurements and ink formulas are recorded and maintained for every match. Inks are mixed consistently through a computer system which feeds our spectrophotometer's recorded data for added assurance. And during each production run, chromatic readings are compared with approved standards and tolerances to precisely verify conformance, ensuring an approved color appears the same every time it is printed.

When necessary, specific environments can be duplicated in our quality assurance laboratory to demonstrate color appearance and changes in daylight, incandescent light, ultraviolet light, and other spectrums. Inspections can also be made on a micrometer level to evaluate slight color inconsistencies or variations which can affect the overall product appearance.

Topflight offers convenient, rapid, low-cost color matches which guarantee quality and repeatability. Applications can be engineered to duplicate product color, create mockups, or test ink and material performance before costly production runs. All this, combined with an enormous inventory of varying pigment and performance inks, provides our customers with the finest, most exact, most reliable color in our industry.

A computerized spectrophotometer digitally scans color data to evaluate every color match we produce.

Our quality assurance laboratory runs numerous tests to ensure color accuracy, even duplicating specialized lighting situations and environments.

Any questions regarding this information, can be directed to Regina Todd, 717.227.5202, rtodd@topflight.com.