

TOPFLIGHT INNOVATIONS

Anti-Counterfeit Solutions

Topflight has a wide range of security solutions to ensure product authenticity and inhibit counterfeiting. Color-shifting inks incorporate special visual properties which provide an attractive appearance and a unique look which is difficult to reproduce. IR-readable inks provide an invisible code which is only revealed under an infrared lamp; UV-readable inks are made visible under ultraviolet lighting. Coin-reactive inks can conceal verifying codes, and metameric inks utilize a complex chromatic scheme to produce a code discernible only through a red filter.

For higher security levels, exclusive metalized and clear holograms can be incorporated into any aspect of labeling or packaging. Produced with sophisticated laser technology, holograms provide complex illusions of depth, movement, and color, and can include a myriad of overt and covert features, including microtext, nanotext, concealed images revealed at certain angles or under special lighting, intricately coded image composition, and animated graphics and stereograms.

We have also developed several labeling solutions which can physically mark products against counterfeiting. Multi-ply, tamper-evident labeling features can be incorporated with any anti-counterfeit design to add yet another dimension of authentication. Adhesives can be tailored to adhere to almost any surface and the complex, release pattern effect is almost impossible to duplicate.

While any of these innovations can prove an able anti-counterfeit solution, combinations of multiple technologies are recommended for the ultimate assurance and security.



Custom designed holograms mark your product as genuine and unique, and are extremely difficult to reproduce.



Multi-layered, overt and covert security features can also be achieved with specialty inks, varnishes, and advanced printing techniques.