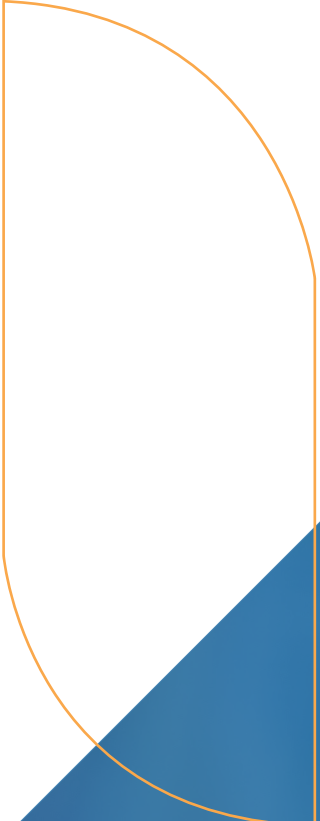




HelioNOTE

HelioID

HelioMARK

HelioSEC

HelioJET

FLUORESCENT INKS FOR SECURE DOCUMENTS & BANKNOTES

Inspiring Confidence.



FLUORESCENT INKS

Fluorescence is a commonly used security feature to prevent counterfeiting. The flexibility of the feature in terms of design and application as well as the common use of Ultra-Violet (UV) light at the Point of Sale (PoS) adds to the popularity of this feature. The fluorescent feature can be added to inks that have a visible colour in daylight or to inks that are invisible. The feature, in the form of an image, words or other design only becomes visible when viewed with the use of a UV light. At Luminescence Sun Chemical Security we have a broad portfolio of innovative Fluorescent inks.

Multi-Fluorescent inks

Regular fluorescent inks are visible when viewed under 365nm UV light which are commonly available in the form of small torches or desktop lights at the Point of Sales. In order to increase the security added to the final document, Luminescence Sun Chemical Security has developed fluorescent inks that fluoresce different colours in different light frequency; our Bi-Fluorescent inks for example fluoresce one colour when excited by long-wave 365nm UV light and another shade when subjected to short-wave 254nm UV light.

We also offer Tri-Fluorescent inks that add a further colour in either 313nm mid-wave UV or 980nm infrared light.

Fire and Ice

This is a highly secure ink that is invisible in daylight and fluoresces blue in long-wave UV light. However, when the UV light source is moved across the printed area a red flash is produced.

The ink is highly light stable and the blue fluorescence does not migrate, making this the ideal security ink for long-term high security documents like banknotes and Identity Documents. The feature can easily be verified by using a UV torch or key-ring.

Make sure to talk to our specialists to learn more about all the possibilities of Luminescence Sun Chemical Security's fluorescent inks.

