

HelioNOTE

HelioID

HelioMARK

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LUMINESCENCE
Sun Chemical Security

PASSPORT

INNOVATIVE SOLUTIONS FOR IDENTITY DOCUMENTS

Inspiring Confidence.



LUMINESCENCE

Sun Chemical Security

a member of the DIC group

DIC
Color & Comfort

INNOVATIVE SOLUTIONS FOR IDENTITY DOCUMENTS

Identity Documents have their own specific needs in terms of security and that is why we have created our HeliolD product category. This not only covers the traditional printing inks for processes like intaglio, offset or screen but also highly durable inkjet inks as well as passport stitching threads which feature special properties.

All our inks differentiate themselves through their easy printability in all the regular print processes used in the production of Identity Documents as well as the very low waste levels. Apart from this our inks are market-leading in terms of sustainability, LSCS was the first company to offer Cobalt-Free inks for the offset and Intaglio Process. All our inks can be formulated to incorporate features such as UV Fluorescence, Infra-red machine readability, and our unique taggants.

For printing in-between polycarbonate layers we offer our innovative range of PolyFast inks which are suitable for a wide range of printing and curing methods, and can be formulated with various security features. These inks are highly stable for most commonly used lamination processes up to 200°C.

Our innovative inkjet inks can be printed on top of any polycarbonate substrate and adhere to the strict ICAO and ISO guidelines in terms of Physical Durability, just like our other inks these can also feature properties such as fluorescence, machine readability and unique taggants.

Our stitching threads are used on the vast majority of passports around the world and are tailor-made to meet your specific needs in terms of security features, thread construction and durability.

Identity is becoming the new currency and it is critical that any identity document comes with the right level of protection. We are convinced that we can help you to increase your efficiency and competitiveness when you use our technologies so make sure to contact us via sales@luminescence-scs.com

