

HelioNOTE

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LUMINESCENCE
Sun Chemical Security

PASSPORT

SECURITY THREADS FOR PASSPORTS

Inspiring Confidence.



LUMINESCENCE

Sun Chemical Security

a member of the DIC group


Color & Comfort

SECURITY THREADS FOR PASSPORTS

Luminescence Sun Chemical Security stitching threads are used on a variety of bound security documents such as passports, passbooks and bank books. Our specialised threads can offer a range of security features on various materials. These threads provide a simple quick check at inspection both in visible as well as under UV light, threads are an integral part of the document and also provide tamper evidence should a forger try to remove or substitute any pages.

A wide range of options

Our threads are available as Single or Multicoloured twisted threads;

Single threads are available in almost any colour and can fluoresce Red, Orange, Green, Yellow, Gold, Blue when exposed to UV light. Extra security features can be added to these such as short wave UV (245nm lamp is required for this feature) or IR 980nm colour up converters (Laser pen or IR to Green T50 Reader is required for this feature).

Multicoloured twisted threads are available in 2 or 3 plies in a range of visible colour combinations and are often used to make a thread in the national colours of a country. These threads are available with all the features of a single thread and can be combined to the customers requirement.

Example 1 :- Red, white and blue visible colours can fluoresce orange, green and gold.

Example 2:- 3 white threads with different security features can be twisted together to give the appearance of a single white thread in the book, under UV light the security features are revealed, which could be UV fluorescing Red, Green and Blue or Gold, Blue and IR to Green.

There are many combinations and possibilities so make sure to talk with our specialists.

Options for invisible/white threads with UV fluorescence include:

- ☞ Fluorescing Yellow
- ☞ Fluorescing Gold
- ☞ Fluorescing Orange
- ☞ Fluorescing Red

- ☞ Fluorescing Green (blue shade)
- ☞ Fluorescing Green (yellow Shade)
- ☞ Fluorescing Blue
- ☞ Fluorescing Turquoise
- ☞ Fluorescing White

Options for other frequencies include:

- ☞ Fluorescing Red under short UV (254nm)
- ☞ Fluorescing Green under short UV (254nm)
- ☞ IR (980nm) to Green
- ☞ IR (980nm) to Red
- ☞ IR (980nm) to White

