

LumaChrome Colour-Shift Film

Anti-counterfeiting security film for government documents and identity cards

LumaChrome™ colour-shifting film provides exceptional security and intuitive authentication for government documents and ID cards by way of a simple shift from one colour to a second distinct colour. Colour-shifting film's impactful colours, simplicity and durability have made it the standard in document and currency authentication for over two decades. Users can simply tilt a government ID or document to see LumaChrome instantly change colour. With identity theft, age deception, illegal immigration, organized crime, espionage and tax evasion on the rise, the need for innovative document security solutions is a priority for governments and individuals alike.

EXAMPLE COLOUR SHIFTS



Magenta / Gold



Magenta / Green



Green / Blue



Green / Magenta



Blue / Magenta



Gold / Green



LumaChrome Holographic
-Holographic colour-shift film

SUPPORTS:

Overprinting Ink	✓
Intaglio Printing	✓
Demet	✓
UV Ink	✓
Embossed Holographics	✓

FINISHING CHARACTERISTICS:

Foil:	up to 390mm wide
Carrier Thickness:	12/15/24 micron

KEY ADVANTAGES:

Proven

LumaChrome security foil has been used in 30 banknote denominations and multiple secure ID applications, in over ten countries.

Easy to Use

LumaChrome offers easy, intuitive authentication through a colour shift from one colour to another. It is simple to explain and easy to recognize at considerable distances, multiple viewing angles, and variable lighting conditions.

Secure

LumaChrome provides striking colour transitions that are extremely difficult to simulate, requiring sophisticated production equipment and specialized knowledge in thin-film optics to produce.

Durable

LumaChrome experiences virtually no degradation over the lifetime of the substrate and can be readily converted into multiple application formats for integration into banknotes, secure documents and government IDs.



LumaChrome colour-shifting film changes from magenta to gold