



LumaChrome Colour Shift Foil

Security films provide anti-counterfeit solution trusted worldwide



Magenta / Gold

LumaChrome™ colour-shifting film provides exceptional banknote security and intuitive currency authentication 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 banknote or government ID to see a LumaChrome patch or thread instantly change colour.

EXAMPLE COLOUR SHIFTS



Magenta / Gold



Magenta / Green



Green / Blue



Green / Magenta

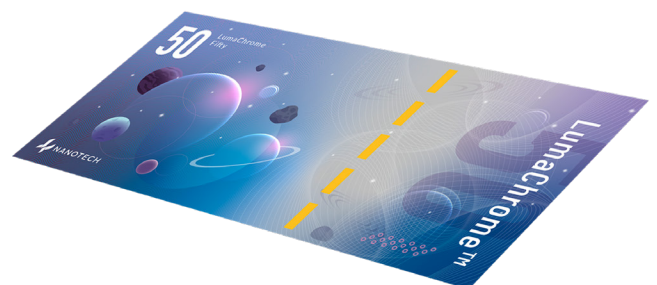


Blue / Magenta



Gold / Green

TILT IN ANY DIRECTION TO AUTHENTICATE



ADD ON OPTIONS:

Overprint ink	✓
Intaglio	✓
laser etch	✓

FINISHING CHARACTERISTICS:

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

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.

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