



DeLaRue

Kinetic StarChrome®

Kinetic StarChrome®
Portrait



Kinetic StarChrome®

Combinational technology; a double layer of defence

An engaging feature is a secure feature

Kinetic StarChrome is one of a new breed of premium security threads that combines movement and dynamic authentication with the highest levels of security. The sparkle of the hologram appeals to the eye, while the colour change characteristic provides easy authentication.

Combinational technology; double layer of defence

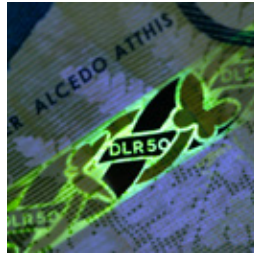
The feature uses proven technology platforms; holography and the colour change of StarChrome – the world's most successful premium security thread.

Design integration with multi-functionality

UV fluorescence, magnetic machine readability and demetallisation are available as options, bringing additional layers of security when required.



Combined effects



UV fluorescence



Machine readability



Demetallised micro text

A design evolution...

NEW: Kinetic StarChrome® Portrait

De La Rue has advanced its Kinetic StarChrome feature to create the latest generation Kinetic StarChrome Portrait. Longer and wider window design options are now available and can be combined with a number of other security enhancements to further increase public engagement in an easy and memorable way.

Design Menu

Holographic Design



LargeBar effect



NarrowBar effect



Equaliser effect

Foil Colour Options



Gold effect



Silver effect

Design Options



Person or Figure

Improve public recognition by matching the banknote watermark, or include a notable national figure.



Animal or Thematic

Kinetic StarChrome Portrait is the ideal feature for marrying banknote print themes into the security thread design.



Spiral, Text and Numbers

Support public recognition with the inclusion of denominational value or micro text. Spiral designs are recommended.

Key Benefits

Secure, proven technology – Builds on StarChrome technology, the world’s most successful premium colour changing effect in a security thread, currently used in 114 denominations by 43 issuing authorities across more than 150 billion banknotes worldwide.

Intuitive and Easy to Explain – Sparkling kinetic movement triggers public interest. Closer inspection reveals striking colour change.

Robust and Durable – Based on two proven technologies. Passes industry standard durability tests. Compatible with pre- and post-print coating solutions.

Design Integration – Each thread is uniquely tailored for each customer and denomination.

Level 2 functionality – Machine readability and UV fluorescence optionally integrated in thread.

Technical Specification

Combinational technology: proven liquid crystal colour shift, combined with eye-catching holographic

- 2-in-1: optionally integrated with machine readability, e.g. MagForm™.
- Customisable image design.
- Available with either silver or gold holographic thread.
- Widths from 3.1 – 6mm.
- Window lengths from 5 - 29mm (dependent on note height).
- Multiple fluorescence, demetallisation and magnetic machine readability options.

Feature	Level 1 Public	Level 2a Teller	Level 2b Machine Readable
StarChrome® colour shift	✓		
Holographic element	✓		
UV fluorescence		✓	
Demetallised Cleartext®		✓	
MagForm® or conventional integrated magnetics			✓

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