



DeLaRue

The
Next
Generation
of Identity
Management
Solutions

SHIELD Volume™

Image-switching high-gloss holographic laminate

Classification

Laminate

Security Level

Levels 1, 2 and 3



depending on selected features.

Security benefits and threats countered

SHIELD Volume™ ensures the security of the bio-data page, protecting the holder's personal details by making it extremely difficult to achieve any data alteration, laminate lifting, removal, reuse, or replacement of content.

How does it work?

SHIELD Volume™ delivers a striking monochrome image with high movement and exceptional depth. Designs can incorporate full 3D models that transition in both horizontal and vertical directions.

By using specialist techniques, it allows over 100 image frames to be multiplexed onto a single hologram, enabling the recording of moving content, such as animation.

Demonstrated by

The strong monochrome green colour of the laminate is immediately obvious when viewing the sample regardless of the viewing angle. On tilting, additional features become evident and the 3D image appears in both the horizontal and vertical direction.

The thin-film laminate is supplied with a range of security features and high-security holographic images which can include full 3D designs, flipping images, lens effect, micro text, and animations. OVI and UV printed features are also available.

Additional information

- Fully compliant with the latest ICAO 9303 specification and supplementary EU requirements.
- Compatible with automated and manual personalisation solutions.
- Can be used in combination with a wide range of other security features.

After personalising data directly into the book, the laminate is heat-sealed to the page to protect the holder's details and safeguard from tamper or alteration.

Usage

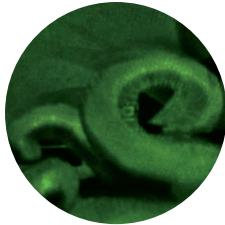
Bio-data page protection solution suitable for Machine Readable Passports and ePassports.

Thin film laminate patch with full 3D models
viewable under lower light conditions



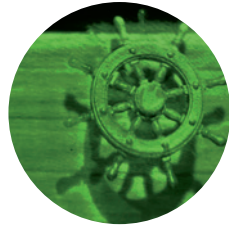
Laser Reconstruction

Ultra-bright feature viewable over wide range of viewing angles.



Hidden Text (DLR)

Hidden text is incorporated into the design at origination and can only be viewed at certain tilts or angles.



Flipping Image

Ship's Wheel design feature flips on and off when tilted.

De La Rue is a leading provider of sophisticated products and services that keep nations, their economies and their populations secure. At the forefront of identity management and security, De La Rue is a trusted partner of governments, central banks and commercial organisations around the globe.

De La Rue is listed on the London Stock Exchange (LON: DLAR).

If you would like to find out more,
please email identity@uk.delarue.com
or visit www.delarue.com

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