

Postage Stamp paper from trusecurity

Over 120 security printers and postal authorities throughout the world are confident that anyone who tries to counterfeit their stamps will be detected. They rely on **trusecurity** stamp paper.

Our postage stamp paper is expertly manufactured in a totally **secure environment**.

Functional enough to withstand the world's postal systems and **continuously evolving**, to keep ahead of the forgers.

Our water activated gums and pressure sensitive adhesives are market leading. We can build our layers of security into these, as well as into the paper.



Security features

The coating

This is the foundation on which our layers of additional security features are added.

- Smoother paper, with controlled absorbency, improving the look, feel and durability.
- Our own specialist coatings.
- Customers can add further levels of protection, such as security inks and holograms.

Taggants

- Pigments, which absorb light and radiate in the visible wavelength.
 - Infra red, with a unique combination of wavelengths.
 - UV fluorescent, available in yellow, green, red or orange.
 - UV phosphorescent, with a UV pigment that continues to glow after the light is extinguished.

Covert embossed images

- Encrypted, micro-embossed image, verified with a decoding lens.

Chemical sensitization

- Paper changes colour if alterations are attempted - sensitive to acids, alkalis, bleaches, solvents and alcohols.

Covert and overt watermarks

- Translucent images in the paper, bespoke and generic.

Planchettes

- Very small, plastic discs, overt or UV readable, randomly distributed.

Fibres

- Fine, polymer fibres, overt or machine readable by UV light, randomly distributed.

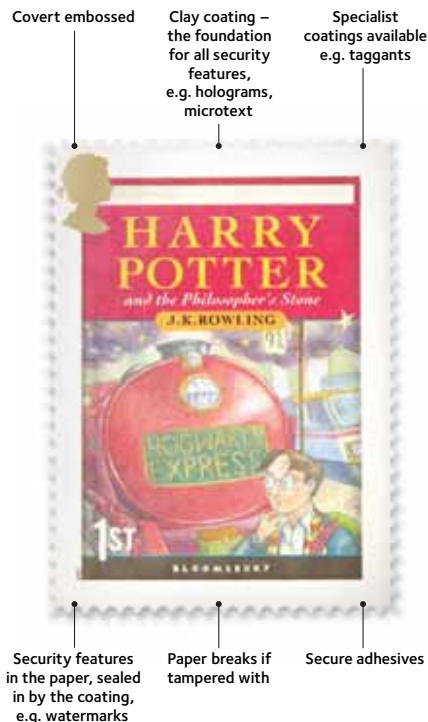
Frangibility

- The paper or film breaks as soon as removal is attempted.

To find out more about our complete range, please see the enclosed security features card, or contact us.

Components

- Base paper.
 - Tailored to your requirements, typically 60 – 75 gsm.*
 - OBA free, wood free, chlorine free.
 - Clay coated or uncoated.
 - Smoothness and absorbency to customers' requirements.



- Release liners* – glassine (60 gsm), kraft (71 – 87 gsm), clay coated (100 gsm).
- Adhesive – water activated and self adhesive, can be colour tinted.
- Self adhesive stamps available as booklets, sheets and coils.
- Good perforation properties.
- Water soluble barrier, allowing removal of the stamps by the philatelist.
- Smooth, ink receptive layer.
- Manufactured to ISO 9001 standard.

*More available on request

Benefits

- Coating designed to support printed security features, such as security inks.
- Excellent print results with intaglio, litho, gravure, flexo, letterpress, ink jet, digital and laser – including fine definition and unique numbering.
- Superior smoothness improves adhesion and brightness for holograms and foils.
- Specific coatings for offset, gravure, intaglio – and combinations.
- Release requirements tailored to the customer's conversion process – high speeds attainable.

- Machine readable authentication.
- Strong colours, low ink usage. Suitable for solvent or aqueous inks.
- The quality that enables the designer's work to be appreciated.
- Confidence in consistent performance through the postal authorities' many automated processes.
- The range and expertise to satisfy all postal authorities.

How do you want your paper?

- Industry leading converting equipment guarantees exceptional finish and accuracy for your product.
- Temperature and humidity controlled environment ensures stable and flat sheets.
- Reel width (180 – 2100mm, 1500mm max for laminates) or precision sheet (width 300 – 2000mm, length 348 – 1803mm).
- Bulk or ream wrapped.

Our coating enables your security inks to perform