



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 TRsecurity® stamp paper.

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

Engineered 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 layers of security into the adhesive, as well as into the paper.

**SECURITY FEATURES****The coating**

- Smoother paper with controlled absorbency improving the look, feel and durability.
- Specialist coatings allow additional bespoke security features to be added to the base.
  - Covert images - IR Taggants
  - Chemical sensitisation - Fibres and Sparklers
- Customers can add further layers of protection; such as finer microtext, use of security inks, affixing holograms and foils.

**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.

**Chemical sensitisation**

- 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.

**Visible and UV visible 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.
  - OBA free, wood free, chlorine free.
  - Clay coated or uncoated.
  - Smoothness and absorbency to customers' requirements.
- Release liners\* - glassine, kraft, clay coated.
- Adhesive - water activated and self adhesive, can be colour tinted.
- Good perforation properties.
- Water soluble barrier, allowing removal of the stamps by the philatelist
- Smooth, ink receptive layer.
- Manufactured to ISO 9001 standard.

\*Specialities 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.
- 2 Metre coating width or 1600mm max for laminates or precision sheet.
- Bulk or ream wrapped.