

Security Labels from **trusecurity**

Using our worldwide experience in the manufacture of high security film and paper products, Tullis Russell Coaters are able to offer you a comprehensive range of security labels and seals.

From pharmaceutical products to ballot boxes seals to big name clothing brands, effective security labels are important as theft and forgery spiral throughout the world.

Whether you need **brand authentication** or **evidence of tampering**, we can offer solutions to ensure that your labels cannot be copied or altered without detection.



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.

Frangibility

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

Tamper evident security film

- If the film layer is removed, an image is revealed on the secured item.

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.

Iridescent coating

- A coating enhances the performance of optically variable printing inks.

Adhesives

- Permanent, high tack adhesive, in combination with frangible substances, ensures tamper evidence.

Chemical sensitization

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

Covert embossed images

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

Covert UV image

- UV readable, this image is printed in-between two layers of coating. Bespoke designs can be easily incorporated.

Coloured Centre Paper

- Tearing the paper reveals a colour different to that of the base paper, available in a range of substances and colours.

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

Components

- Base paper or film.
 - Tailored to your requirements.
 - Clay coated or uncoated.
 - Smoothness and absorbency to customers' requirements
- Release liners* – glassine (60 gsm), kraft (71 – 87 gsm), clay coated (100 gsm).
- Eco friendly adhesive – water activated, high tack PSA and un-gummed.
- Smooth, ink receptive layer.
- Manufactured to ISO 9001 standard.

*More available on request

Benefits

- A combination of features.
 - Film or paper.
 - Frangible or voided.
 - Stock paper and film or bespoke.
 - Big volumes or small runs.
 - 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.
 - 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.

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 (180 – 1500 mm) or precision sheet (width 300 – 2000mm, length 348 – 1803mm).
- Bulk or ream wrapped.

“Ensuring your labels cannot be counterfeited”

