



Our Visa papers are relied upon by governments in their battle against ever more skilful and resourceful forgers.

While they seek to take advantage of the explosion in foreign travel, we are continuously innovating to ensure that Visas cannot be tampered with or counterfeited without detection.

Tullis Russell Coaters manufacture security papers and laminates for visas, work permits, and identity documents to the exact specification you require in a **totally secure environment**.

#### **SECURITY FEATURES**

- Compliant with ICAO, European Union & US waiver programme standards.
- Manufactured in a secure & controlled environment.
- New improved adhesive formulation.
- 'Dry edge' designed for trouble-free intaglio conversion.
- Bespoke covert/overt solutions in the Paper or Coating.

#### **The paper**

##### **Frangibility**

- The paper breaks up if removal is attempted.

##### **Chemical sensitisation**

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

##### **Visible and UV visible fibres**

- In bespoke combinations of colour, length and density.

##### **Iridescent coating**

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

##### **Toner adhesion**

- Paper treated to make toner more difficult to remove.

#### **The coating**

**This is the foundation on which our layers of additional security features are added and makes TRsecurity® papers unique.**

- Smoother paper with controlled absorbency improving the look, feel and durability.
- Our own specialist coatings - Many of the security features of a paper can also be applied in a coating giving greater complexity;
  - Covert images.
  - IR Taggants.
  - Chemical sensitisation.
  - Fibres and Sparklers.

**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 60-75gsm\*.
  - OBA free, wood free, chlorine free.
  - Clay coated or uncoated.
  - Smoothness and absorbency to customers' requirements.
- Release liners\* - kraft, glassine, clay coated.
- Adhesive - permanent high tack PSA, water activated or ungummed.
- Manufactured to ISO 9001 standard.

\*More available on request

1. Specialist coatings available
2. Coating creates improved adhesion and quality of holograms and foils
3. Security features in the paper
4. Range of adhesives

**BENEFITS**

- Ideal for bespoke production - different security combinations, overt or machine readable printing, security inks, finishes.
- Designed to maximise the effectiveness of printed security features such as optically variable security inks and iridescent coatings.
- Coatings enhance the appearance and adhesion of holographic foils.
- Excellent print results with multicolour offset, intaglio, inkjet and laser printing.
- Machine readable authentication.
- Paper is destroyed on attempting to remove from a passport.
- 'Dry edge' reduces adhesive bleed and improves convertibility and efficiencies.
- Excellent dimensional stability and lay-flat properties.
- Resistant to ageing.
- Product is receptive to personalisation as required.

**HOW DO YOU WANT YOUR PAPER?**

- Industry leading converting equipment guarantees exceptional finish and accuracy for your product.
- Temperature and humidity controlled environment ensured stable and flat sheets.
- 2 Metre coating width or 1600mm max for laminates or precision sheet.
- Bulk or ream wrapped.
- 'Dry edge'.