

Anti-Counterfeiting Solutions

Big enough to dare,
small enough to care.

Medicinal products and brands are under attack by counterfeiters. Clearly anti-counterfeiting features need to be placed as close to the product as possible and the primary packaging provides the ideal position.

Constantia Flexibles has developed innovative security technologies in the following areas:

- **Holograms**

Offering different complexity levels, including overt and/or covert identification. This long established form of technology can provide a highly visual and easy to detect security feature.

- **Security Foil**

Customised aluminium foil, including overt and/or covert identification integrated into the foil-surface. These subtle graphics cannot be removed from the product without destroying the material. They can be used effectively to significantly increase product and brand protection.

- **Security Pigments and Inks**

Provide unique optical effects and characteristics and can incorporate a wide range of security features including UV and/or IR effects, colour-shift, taggants...

- **Security Graphics**

Complex print-designs which are extremely difficult to reproduce without expert printing technology and knowledge. The designs can include: Computer-generated Line-Screen Designs, Micro-Elements, multi-coloured Guilloche Patterns...

| Category | Description Feature | Method of Detection | | |
|--------------------------|------------------------------|---------------------|--------|----------|
| | | Overt | Covert | Forensic |
| Holograms | Optical Variable Device | ● | • | |
| Security Foil | Customised Security Foil | ● | • | • |
| | Generic Security Foil | ● | • | • |
| Security Pigments & Inks | Optical variable ink | ● | | |
| | UV/IR reactive | | ● | |
| | Taggants/Marker | | ● | • |
| Security Design Options | Micro-Text | • | ● | |
| | Security Patterns | • | ● | |
| | Deliberate Errors | | ● | |
| | Complex multi-colour designs | ● | • | |
| | Hidden Graphics | | ● | |
| Tamper Evidence | Opening System | ● | ● | |

All solutions can be combined and applied to any Constantia Flexibles packaging material

With Constantia Flexibles as your partner you will be working with the leading provider for aluminium based anti-counterfeiting technology solutions.

