

**Rely on us.**<sup>SM</sup>

# Security Solutions

The security market is a key development area for Flint Group with a specific focus on security solutions for conventional and digital printing. Flint Group security has an existing strong position in currency, polymer plates, and in digital printing.

## Your Partner of Choice for ...

### ... Security Ink Solutions

- **For banknote printing, tax stamps, secure documents, passports and brand protection**
- Machine readable inks & coatings
- Colour change inks

### **Flint**Group

With an array of covert and overt inks we offer brand owners and label producers enhanced product security. Flint Group can offer a variety of security inks with taggants or chemical markers to prove authenticity. The taggants react to different wavelengths of light either Infra-Red (IR), visible, magnetic resonance, UV light, and are detected by various readers.

### ... Photopolymer Printing Plates

- **Billions of banknotes and tax stamps are printed, using nyloprint plates**
- Resolution of 10.000 dpi for highest precision of micro text and guilloche patterns

### **nyloprint**<sup>®</sup>

As the leading supplier of photopolymer printing plates, Flint Group provides plates for direct and indirect letterpress printing, polychablon plates, intaglio master plates and plates for coating applications.

### ... Xeikon Security Features

- **Digital printing presses worldwide**
- High resolution 1.200 dpi
- Workflow solutions
- Security toners

### **XEIKON**

As a leading supplier of digital printing presses, Xeikon, Flint Group's Digital Solutions Division, have supplied the machinery and digital workflow for the first fully digitally printed tax stamp. The design is fully in-line with the resolution (1.200 dpi, 4 bit per spot) of the digital press. Xeikon's digital printing solutions offer specific security features such as variable numbers and images, microtext, guilloches and barcodes, hidden images, digital intaglio, track and trace, and the Xeikon clear toners containing taggants and UV fluorescence.

For more information about Flint Group Security Solutions, please contact Christine Lancaster, Business Development Director Security: [christine.lancaster@flintgrp.com](mailto:christine.lancaster@flintgrp.com) or visit us at [www.flintgrp.com](http://www.flintgrp.com)

**Flint Group inks**  
[info.packaginginks@flintgrp.com](mailto:info.packaginginks@flintgrp.com)

**Flint Group plates**  
[info.flexo@flintgrp.com](mailto:info.flexo@flintgrp.com)

**Xeikon**  
[info@xeikon.com](mailto:info@xeikon.com)

**Flint**Group