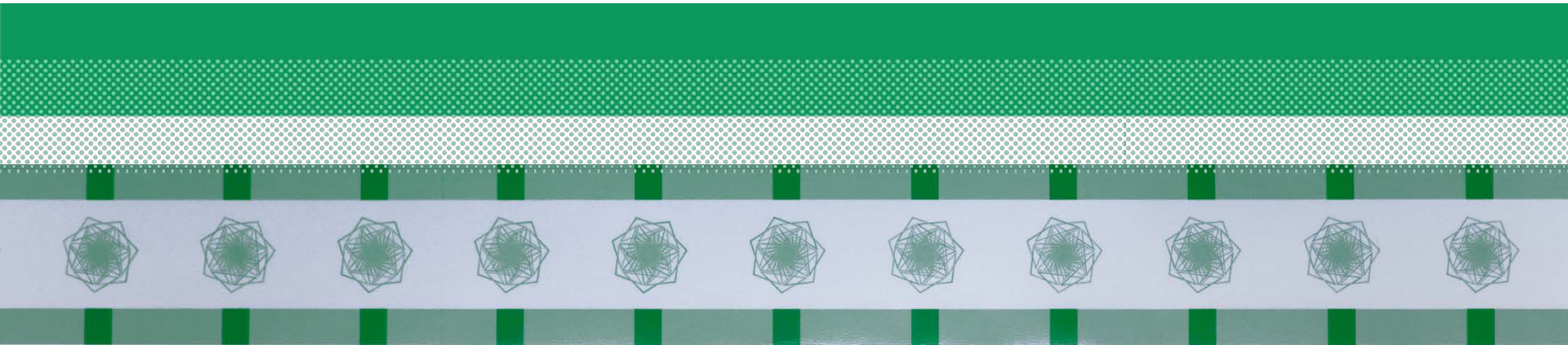




Crane Currency

Micro-Optic Security Inlays for Polycarbonate



Micro-Optic Security Features

Young and Rapidly-Evolving Technology
Use in Banknotes Growing Rapidly



Several Forms Developed Specifically for ID

Micro-Optic Laminates for Teslin® Substrates

A Joint Project of Crane Currency and De La Rue

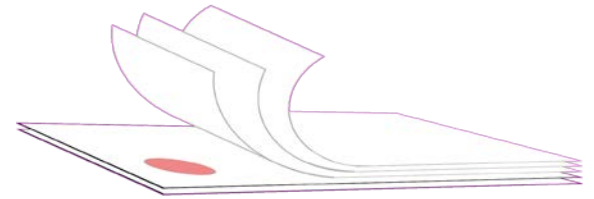
Dynamic/Strong Overt Security
Highly Durable and Abrasion-Resistant



Visit the De La Rue or Crane Currency Booths to View Samples

Today's Focus- Micro-Optic Security Inlay for Polycarbonate

- Incorporated within PC – protected from wear and removal
- Improved security layering
 - Tactile security on surface
 - **MOTION security on intermediate layer**
 - Printed security on core layer



MOTION® Level 1 Overt Features

- Highly visible and easily recognizable
- Extremely counterfeit resistant
- Immediate Recognition in any light condition
- Immediate Recognition from long distance
- Very Wide Viewing Angles



Signature

Given Name
Jane

Family Name
Doe

Date of Birth
01-10-1980

Date of Issuance
12-21-2002

Date of Expiration
12-21-2012

Sex
F



Nationality
USA

Location of Birth
Utopia

Identification Number:
112358132134

Product Applications



ID Card



Passport
Data Page

Window insert –
transmission viewing



Shadow
portrait



Document
Authentication



Data
protection



Manufacturing Processes

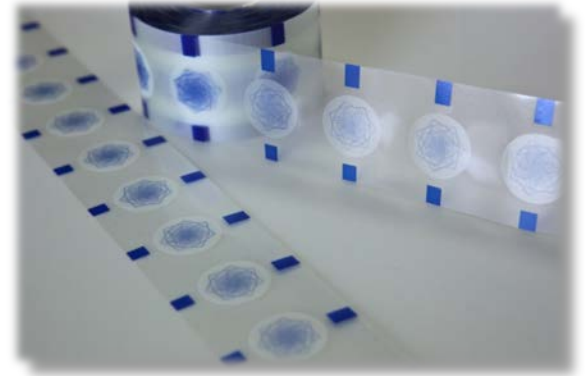
Compatible with standard production processes

- Standard process parameters
- Equal or better process times compared to other OVD Features
 - Hot stamping to PC sheets
 - Laminating
 - Laser engraving

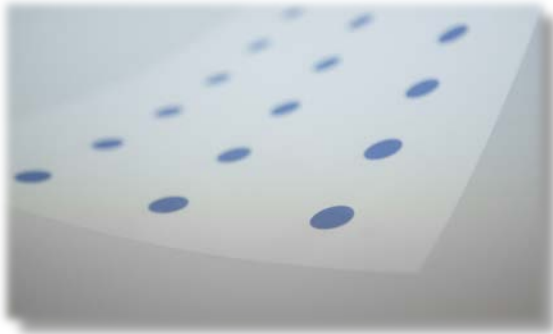
Product Forms



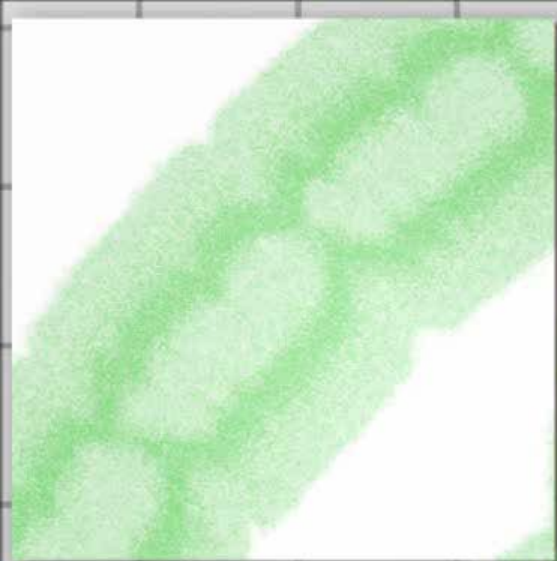
**Adhesive
coated film**

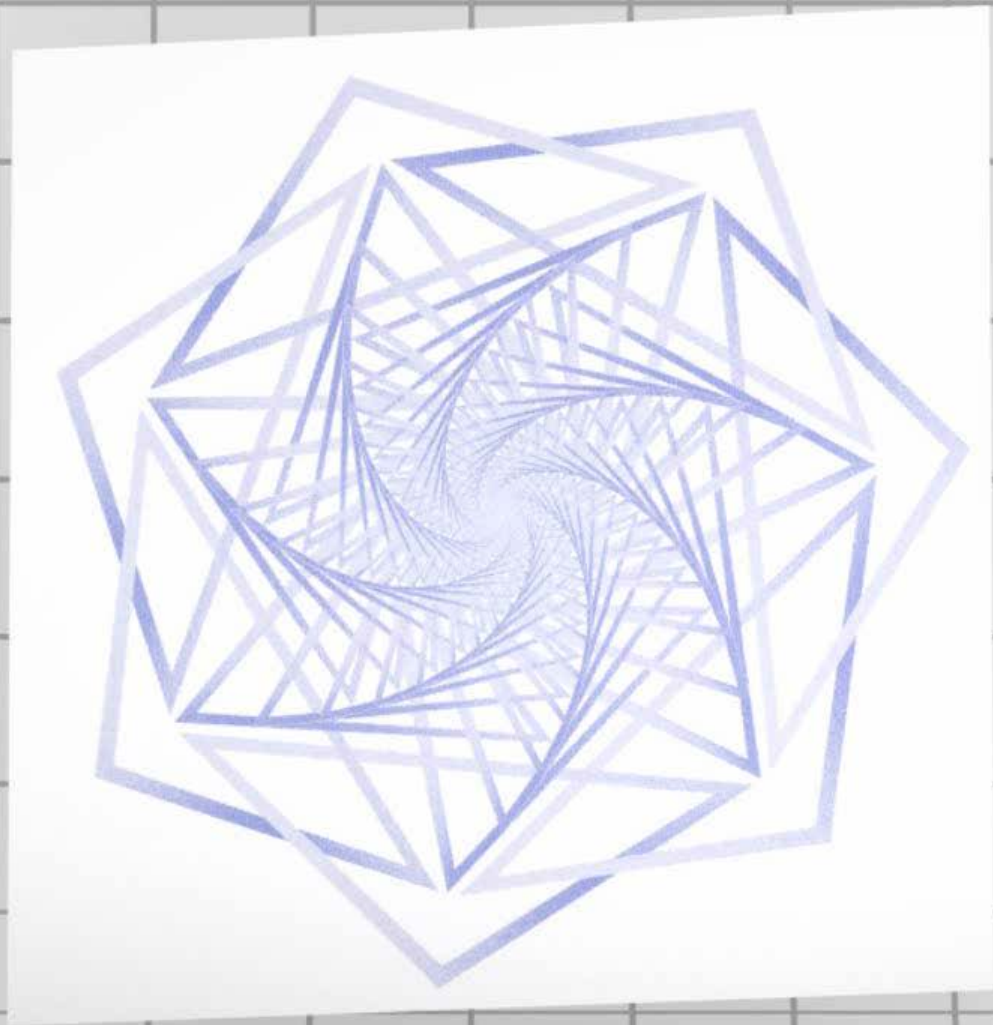


**Hot stampable
die cut patches**



**Pre-applied to
polycarbonate sheet**





Thank You!

Come Visit us in Booth 4 on 4th Floor

Scott Palm

Crane Currency

Alpharetta, Georgia USA