

NEW
developments

What you don't see protects you more



Security in the invisible

Presenting a secure method for embedding variable data. Our state-of-the-art technology employs both visible and invisible security inks to ensure variable data is safely printed within embedded solutions.

This enables data to be printed according to specific layout designs, offering a customized and precise approach. Our secure solution is perfect for institutions needing protected variable data, providing enhanced security for all your data printing requirements.



C.T. DataPatch

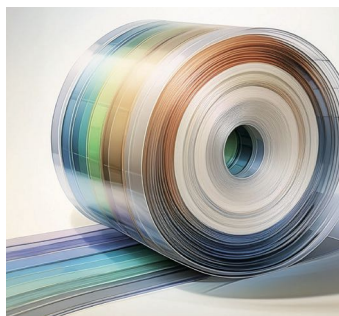
INVISIBLE EMBEDDED VARIABLE DATA

Security elements and consumable products for the card industry

C.T.Stripe

PRE-LAID MAGNETIC STRIPES

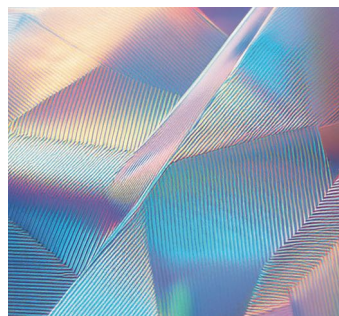
Outsourcing the application of magnetic stripes onto various substrates, offers a business several benefits. Including a reduction in operational costs. Which enables the effective redistribution of resources, to enhance mainstream production. When outsourcing to C.T.Lay, with twenty five years of experience in this field. Ensures reliable and efficient magnetic stripe substrate application, tailored to suit individual needs.



C.T.Patch

PRE-PATCHED HOLOGRAMS

Pre-patched holograms deliver outstanding anti-forgery characteristics for ID cards, passports and driver's licenses. C.T.Lay has a production capacity exceeding 250 million holograms per year. Our precision in hologram application ensures flawless results. Our Industry-leading security features are supported with sheet-by-sheet quality control and cleaning. C.T.Lay provide single hologram control, with 100% traceability guaranteed. Film applications can be as fine as 50 microns or less.



C.T.Mag

MAGNETIC TAPES

We offer a wide range of magnetic stripes available in multiple colors, width and lengths. Whether you need specific colors to match or different grades for various applications, we have you covered. Our tailor-made service ensures that each product is customized to meet your exact specifications, providing you with the perfect solution for your needs. With our extensive selection and personalized approach, you will find the perfect solution for magnetic tapes for any project.



C.T.DataPatch

INVISIBLE EMBEDDED VARIABLE DATA

Introducing a solution for embedding variable data safely. Our advanced technology utilizes security inks, both visible and invisible, to ensure that variable data is printed within embedded solutions. This allows for data to be printed according to specific layout design, providing a tailored and precise approach. Our secure solution is ideal for institutions requiring protected variable data and offers an enhanced security for all your data printing needs.



C.T.HoloGrid

PASSPORT DATAPAGE HOLOGRAMS APPLICATION

No more hologram dimensional limitations! With the innovative C.T.HoloGrid application system, you can now apply large holograms or multiple holograms onto passport data pages. This breakthrough technology allows for greater flexibility and creativity in hologram design and application. Our customer service team will support you throughout the design creation and application processes. Making it easier than ever to bring your projects and ideas to life.



SUNCarte®

INKS FOR PVC CARDS

Elevate your card production to the pinnacle of quality and efficiency with the Starlux® (SunCarte®) suite. With superior peel strength, our screen and offset inks and adhesives don't just stick, they fuse. Offering unparalleled adherence that withstands the toughest bends and stretches. C.T.Lay is dedicated to delivering a complete, tailor-made service to meet all our customers' needs. From initial consultation to final implementation, our team is here to assist you at each step.



SUNSeal

SECURE BONDING SOLUTIONS

The smart card market is evolving rapidly away from new PVC, with a strong push towards sustainable materials. While alternative materials such as Parley Ocean Plastic®, rPETG, PLA and recycled PVC (rPVC) offer clear benefits, chip bonding on these materials remains a challenge. C.T.Lay offers SunSeal DuploTEC® 12410 SBF and 12420 SBF EC (Electrically Conductive) chip bonding tapes. These innovative solutions for chip embedding, enable efficient and secure production of eco-friendly smart cards.



POLYFASTInks

SECURITY INKS FOR ID CARDS AND PASSPORT DATA PAGES

C.T.Lay offers a range of Polyfast security inks for high quality printing onto PVC or PC substrates with lamination. These inks have been formulated specifically for ID cards & passport data pages. Providing excellent durability and resistance properties for 10 year+. The Polyfast ink range, offers high intensity to produce sharp print quality with excellent halftones. As well, both covert and semi covert security features can be offered.



C.T.LAY
Sun Chemical Security

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