

# **SunChemical**°

a member of the DIC group



Color & Comfort

SECURITY ELEMENTS
AND CONSUMABLE
PRODUCTS FOR THE
CARD INDUSTRY





## SECURITY ELEMENTS AND CONSUMABLE PRODUCTS FOR THE CARD INDUSTRY

**Since 2001 C.T.LAY is the worldwide reference** for the application of magnetic stripes and holograms on a wide range of plastic substrates.

A security certified plant (ISO 9001/2015 — ISO 14298 — CWA 15374) enables us to deliver security holograms for governmental applications.

Card producers, National printing houses and Governmental agencies trust on C.T.LAY security management.

**Each year more than 500 million cards** and documents are produced
with C.T.LAY elements.

re-patched • Pre-patched • Pre

holograms • Magnetic Stripes .

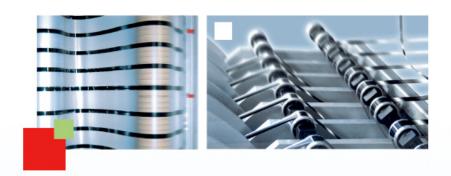
laid overlay • Pre laid overlay • Pre laid overlay •

Total and a wagnetic stripes :

<mark>lagneti</mark>c Stripe<mark>s • Magnetic Stripes • Ma</mark>gnetic Stripes • Magnetic Stripes • Magnetic Strip

coated • PVC uncoated • PVC uncoated





- MAGNETIC STRIPES and holographic Magnetic stripes applied on PVC, Polycarbonate and PETG
  - MAGNETIC STRIPES applied on paper and cardboard.
    - DOUBLE STRIPE
    - SIGNATURE PANEL

From reel to sheet, reel to reel and sheet to sheet from 50 microns to 800 microns.

## STANDARD RAW MATERIAL ALWAYS AVAILABLE

## Magnetic stripes

Width: 3.15 mm, 6.35 mm, 8.40 mm, 12.7 mm

Type: Loco 300 Oe, Hico 2750 Oe, Hico 4000 Oe

Colors: Black, Brown, Gold, Silver, Gren, Blue, Red

#### **PVC Coated and uncoated**

Thickness: 50, 60, 80 and 100microns

Type: Coated and uncoated

Suppliers: Bilcare, Klockner and our own C.T.LAY overlay

PVC Coated

Magnetic Stripes · Magnetic Stripes · Magnetic Stripes · Magnetic Stripes

• Magnetic



## PRE-PATCHED HOLOGRAMS



 HOLOGRAM PRE APPLIED ON POLYCARBONATE from reel to sheet and sheet to sheet from 50 to 200 microns.

Reel width: 540 mm max

Sheet dimension: 700 x 700 mm max.

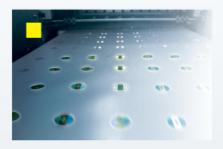
Production capacity:

Over 100 million applied holograms per year.

Quality control and cleaning:

Single applied hologram controlled and cleaned.

Traceability: Progressive numbering of each produced sheet.



## **RAW MATERIALS**

All holograms suitable for Polycarbonate application

Pre-patched •

Verlay PVC Coated Positioning pins

ipes • Magnetic Stripes • Magnetic Stripes • Magnetic Stripes • Magnetic Stripes • Magne



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#### PORTFOLIO FOR THE CARD INDUSTRY

## DEUTON-M MAGNETIC TAPE FOR PLASTIC CARD

#### STANDARD TAPE:

Loco (300 Oe) / Hico (2750 Oe) / Hico (4000 Oe)

#### STANDARD COLOR TAPE LOCO AND HICO:

Silver, Gold, Blue, Green, Red.

#### SPARKLING COLOR TAPE HICO:

Silver, Gold, Blue, Green, Red, Black, Orange.

## **DOUBLE SIDE COLOR TAPE HICO:**

Siver/Silver, Gold/gold,

#### SPECIALTIES:

Custom Color tape Hico Printed Tape



Offset - Flexo - Silk screen - ink Jet

## LAMINATION PLATE TECHNOLOGY

The group is fully integrated with the most advanced technologies for the production of lamination plates.

LAMINATION CASSETTE

LAMINATION PLATES AND PADS
ENGRAVING TECHNOLOGY
PLASMA TECHNOLOGY
POSITIONING PINS AND GUIDE

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## LOCAL SALES ORGANISATION

## **AND WAREHOUSES**

/ CANADA / CHINA / EGYPT / INDIA /

/ NEW ZEALAND / SAUDI ARABIA /

/ MEXICO / AUSTRALIA / BRAZIL / USA /



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