



The **Unichroma™ ribbon** has been designed by ITW Imagedata to enable Dye Sublimation desktop card printers to use various card substrates, among them Polycarbonate (PC), PET-G, ABS.

Polycarbonate cards are ideal for applications where longevity and higher security is mandatory.

Used in Evolis Securion printer, the Unichroma™ ribbon provides a cost-saving solution for your highly secure cards.



## UNICHROMA™ RIBBON / PRINT POLYCARBONATE CARDS WITH DIRECT-TO-CARD PRINTERS

### COST-EFFECTIVE SOLUTION

The Unichroma™ ribbon (UcYMCK) is suitable for use in **Securion**, the Evolis desktop card printer designed for the issuance of secure cards. This combination makes personalization of secure Polycarbonate cards affordable, thus offering **an alternative to more expensive equipment** like retransfer technology.

### HIGH SECURITY ENSURED

Unichroma™ is designed for **highly secure applications**: national ID cards, drivers' licenses, passports, immigration cards, military access control badges, etc. **Compatible with hologram and lamination technologies**, the Unichroma™ ribbon guarantees the **maximum level of security** for your cards so as to prevent any attempt of counterfeiting.

### DURABILITY & PRINTING QUALITY

The Unichroma™ ribbon is formulated to produce **sharp, bright images and clear text** on many card substrates, including Polycarbonate (PC).

In addition to the standard colors (Yellow, Magenta, Cyan and Black), a protective layer is applied on the card, to retain a high quality of image despite its frequent use. Printed cards can, therefore, be **used for several years without deteriorating**.



Unichroma™ is a dry coating (Uc) invented by ITW Imagedata. The special coating is supplied on a color ribbon as a panel that is printed in advance of the following Y, M, C, K panels. The clear, colorless Unichroma™ coating (Uc) is applied directly to the surface of the card using a normal direct-to-card printer. Then, D2T2 (Dye Diffusion Thermal Transfer) color personalization can continue in the normal way (single or double-sided printing).

# CARD COMPATIBILITY

Unichroma™ enables dye-sublimation printing on the majority of plastic card substrates available:



Card substrate	Dye-sub printable	Dye-sub printable when used with Unichroma™
PC (Polycarbonate)	Ribbon stick issues: impossible to print	✓
PET	✓	✓
PET-G	Potential ribbon stick issues	✓
ABS	Under specific conditions	✓

**ITW Imagedata**  
 Unichroma™ has been designed by ITW Imagedata, an Evolis partner for more than 10 years

## PC CARD PRINTING WITH DYE SUBLIMATION TECHNOLOGY

### PC card printed with YMCK + Unichroma™

You get a high-quality, professional print on the Polycarbonate card. A protective layer, with or without hologram, can then be applied if needed.



### PC card printed with YMCK only

The ribbon sticks on the card and tears apart, preventing any printing of a Polycarbonate card with a dye sublimation equipment.

## SPECIFICATIONS

### GENERAL FEATURES

- 5-panel color ribbon UcYMCK
- Printing technology: color dye sublimation

### CAPACITY

- 200 prints/roll

### TYPES OF CARDS

- PC cards
- PET cards
- PET-G cards
- ABS cards

### PRINTER COMPATIBILITY

- Evolis Securion

### STORAGE CONDITIONS

- Temperature: 5° / 25°C (41° / 77°F)
- Humidity: 30% to 70% non condensing

### LIFETIME

(if stored under cool, dry conditions)

- Unopened: 1 year
- Once opened: 3 months

### EUROPE - MIDDLE-EAST - AFRICA

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