



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

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