



## PRINT POLYCARBONATE CARDS WITH D2T2 PRINTERS

The Unichroma™ ribbons were developed to allow direct-to-card printing of polycarbonate cards on dye-sublimation printers. Cards made out of polycarbonate are often the preferred choice for security or governmental applications.

The clear, colorless Unichroma™ dry coating is applied directly to the surface of the card using a normal direct-to-card printer. Then, D2T2 color personalization (Y, M, C, K) can continue in the normal way.



Whole panels (length: 98 mm)

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### Product Information:

- Color ribbon
  - 5 panels (Unichroma™, Yellow, Magenta, Cyan, Black)
  - Lamination is mandatory to protect printing
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### Preconditions:

- Your project must be qualified by our team, please contact your sales representative
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## ADVANTAGES

### Cost-effective solution:

Offering an alternative to more expensive equipment like retransfer technology, the Unichroma™ ribbons make the **issuance cost of Polycarbonate cards extremely attractive**.

### High security ensured:

Compatible with hologram and lamination technologies, the Unichroma™ ribbons **guarantee the maximum level of security** for your cards so as to prevent any attempt of counterfeiting.

### Durability and printing quality:

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

## GENERAL SPECIFICATIONS

### Features:

- For single or dual-sided color printing
- 200 prints per roll
- Ribbon in PET with thin layer of specialized coatings.
- 5 whole panels - Unichroma™ coating, Yellow, Magenta, Cyan, Black : 98mm length
- Compatible with Polycarbonate (PC), PET-G, ABS
- For dye-sublimation and thermal transfer technologies
- Printing process: diffusion temperature above 50°C.

## PC CARD PRINTING WITH DYE SUBLIMATION TECHNOLOGY

### PC card printed with YMCK+Unichroma™

You get a high-quality, professional print on Polycarbonate cards. A protective layer (with hologram or clear), can then be applied with a lamination module (require additional lamination ribbon).



### PC card printed with YMCK only

Ribbon sticks on the card and tears apart, preventing any printing of polycarbonate card with a dye sublimation equipment.

### Compatibility and capacity:

PART#	NUMBER OF PRINTS	SECURION	PRIMACY LAMINATION	CORE	RFID Syst.
R3611	200	•			
R5F009NAA	200		•	•	•

### RFID system:

The RFID system allows the automatic ribbon recognition by the printer (improved user friendliness). Only available with Badgy, Zenius, Primacy and Primacy Lamination ribbons.

### Storage Information:

These ribbons shall be capable of functioning for up to 1 year after purchase if stored in a cool, dry environment and having remained unopened from the original packaging. Temperature of storage must be between 5-25°C and at RH between 50-70%. Once opened these ribbons shall have a lifetime of 3 months if stored under cool, dry conditions. For all these ribbons, avoid dust, direct sunlight, high humidity and high temperatures. Do not place near solvent or other chemicals.