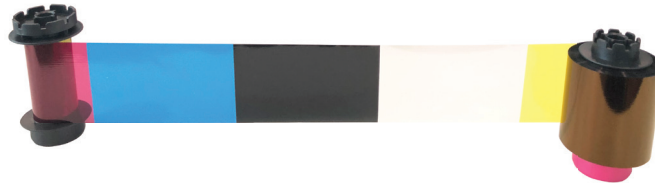


chromXpert



Introducing New Security Ribbon

YMCKSc



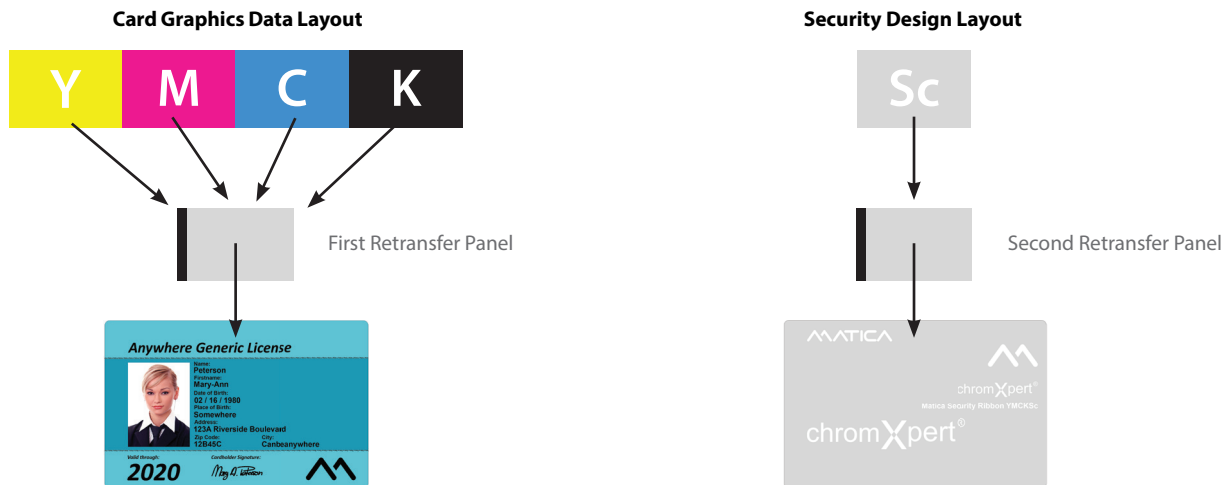
The chromXpert YMCKSc security ribbon provides new visual security elements (VSE)

Initially available for the new high-resolution ID card printer MC660, the new YMCKSc security ribbon includes a special panel of reflective ink which significantly enhances the card's security by adding information (security layout) to the printed card in a form of a "watermark". This security image cannot be scanned or copied. As such, it offers an advanced visual authentication system that corresponds to a level-1 security feature.

The security layout printed with the reflective ink panel offers flexibility and extra protection. It can include graphics and/or alphanumeric information and variable data which are retrieved from a database and integrated into the card security image during the personalization process.

Tilting the card at certain angles allows the reflective printed security ink to be visible to the naked eye, enhancing the card's security, while also reducing the time and effort it usually takes to verify authenticity. This is down to its self-sufficiency since external devices such as magnifying glasses or UV lamps are no longer required.

The new ribbon can be used with lamination materials, (continuous films or patch) using clear or holographic for extra visual security elements (VSE).



TECHNICAL SPECIFICATIONS ⁽¹⁾

| | |
|---|--|
| Printer Compatible | MC660 |
| Print Method | Dye-sublimation / Thermal-transfer |
| Total Prints | 410 images |
| Panel Length | 490 mm |
| Total Ribbon Length | More than 205 meter |
| Ribbon Width Ink Ribbon | 59.5 mm ~ 60.5 mm |
| Thickness of the Carrier Foil | 5.7 µm |
| Thickness of the Coating Per Color (Y/M/C/K/Sc) | Y: 1.3 ~ 1.7 µm M: 1.3 ~ 1.7 µm C: 1.3 ~ 1.7 µm K: 1.3 ~ 1.9 µm Sc: 1.4 ~ 1.9 µm |
| Visible End-of-Roll Marking | Yes |
| RFID Protection | Yes |
| RFID Technology Monitors Consumption | No |
| Packaging Label Contains Brand name, Part Number | Yes |
| Storage conditions | Avoid storage at high temperatures, or in direct sunlight. |

⁽¹⁾Technical specifications subject to change without notice.