HID®

# HID® FARGO® DTC4500e Consumables

## HID Global provides a variety of consumables and accessories to optimize the performance of your HID FARGO DTC4500e printer/encoder

- **Direct-to-Card (DTC) Ribbons:** Custom dye-sublimation and resin ribbons work seamlessly with your FARGO DTC4500e printer(s) to consistently produce colorful images, crisp text and precise barcodes.

- **Overlaminates:** Applying an overlaminate to your cards not only improves card durability and longevity; with an optional holographic design, overlaminates can also significantly increase card security. Overlaminates with standard or custom holograms create an ID card that is difficult to forge, yet easy to verify.

- **Cards:** Graphics-quality UltraCard™ cards feature polished, scratch- and debris-reduced surfaces to optimize the quality of your printed images.

- **Cleaning Kits:** Printhead cleaning swabs, interior cleaning cards and cleaning rollers facilitate optimal print quality and ensure your printer is clear of dust, debris and build-up that can degrade printer performance over time.

### HID FARGO Ribbon Consumables for the HID FARGO DTC4500e

| **Part Number | Description and Yield | Application |
|---|---|---|
| 045200 | ECO YMCKO*: Full-color with resin black and clear overlay panel, 500 images | Photo-accurate color prints, visual recognition |
| 045201 | ECO Premium Resin Black, K*, 3000 images | Bar codes, text, serial numbers, bold graphics |
| 045202 | ECO Standard Resin Black, K*, 3000 images | Bar codes, text, serial numbers, bold graphics |
| 045206 | ECO White, 2000 images | White Resin Ribbon |
| 045209 | ECO YMCFKO*: Full-color with one resin black panel and both fluorescing and clear overlay panels, 500 images | Photo-accurate, full color on front, black text or barcodes on back. Includes fluorescing panel for secure imaging and overlay panel for color fade prevention. |
| 045210 | ECO YMCKOK*: Full-color with two resin black panels and clear overlay panel, 500 images | Photo-accurate, full color on front, black text or barcodes on back. Includes overlay panel for color fade prevention. |
| 045213 | ECO BO*:Dye-sublimation black and clear overlay panel, 1250 images | Full grayscale imaging. Includes overlay panel for color fade prevention. |
| 045214 | ECO YMCKO*: Half-panel color ribbon with resin black and clear overly panel, 850 images | Half-panel photo-accurate color prints, visual recognition. Includes overlay panel for color fade prevention. Pairs well with pre-printed cards that require limited personalization. |
| 045215 | ECO YMCKK*: Full-color with two resin black panels, 500 images | Photo-accurate, full color on front, black text and/or barcodes on back. This non-overlay full color ribbon is ideal for your printing cards with dual-sided lamination. |

### HID FARGO Thermal Transfer Overlaminate Consumables for the HID FARGO DTC4500e

Overlaminate Options: Thermal Transfer Overlaminate, .25 mil thick, 500. All overlaminates available in clear, standard holographic design or custom holographic design.

| | | |
|---|---|---|
| 082615 | Thermal Transfer Overlaminate, Clear, 500 count | For use with Single-Side Lamination Module only |
| 082618 | Thermal Transfer Overlaminate, High Secure Orbit design, Universal orientation, 500 count | Thermal Transfer Overlaminate with visual security elements - For use with Single-Side Lamination Module only |

## HID FARGO PolyGuard™ Overlaminate Consumables for the HID FARGO DTC4500e

Overlaminate Options: PolyGuard Overlaminate, 1.0 mil and .6 mil thick, 250 prints (PolyGuard available in a CR-80 patch size)
All overlaminates available in clear, standard holographic design or custom holographic design.

| ** Part Number | Description and Yield | Application |
|---|---|---|
| 082600 | PolyGuard 0.6 mil Overlamintate, Clear, 250 count | Durable Overlaminate for use with cartridge 1 or 2*** |
| 082601 | PolyGuard 1.0 mil Overlamintate, Clear, 250 count | Durable Overlaminate for use with cartridge 1 or 2*** |
| 082602 | PolyGuard UV Resistant 1.0 mil Overlaminate, Clear, 250 count | Durable Overlaminate that reduces image fade caused by exposure to light – For use with cartridge 1 or 2*** |
| 082603 | PolyGuard 0.6 mil Overlaminate, High Secure Orbit design, Universal orientation, 250 count | Durable Overlaminate with security elements – For use with cartridge 1 or 2*** |
| 082604 | PolyGuard 1.0 mil Overlaminate, High Secure Orbit design, Universal orientation, 250 count | Durable Overlaminate with security elements – For use with cartridge 1 or 2*** |
| 082607 | PolyGuard 0.6 mil Overlaminate, half patch, Clear, 250 count | Durable Overlaminate half patch for magnetic stripe side of card – For use with cartridge 2*** |
| 082608 | PolyGuard 1.0 mil Overlaminate, half patch, Clear, 250 count | Durable Overlaminate half patch for magnetic stripe side of card – For use with cartridge 2*** |
| 082612 | PolyGuard 1.0 mil Overlaminate with left side cutout for smart chip. Clear, 250 count | Durable Overlaminate with left side cutout for smart chip – For use with cartridge 1*** |
| 082665 | PolyGuard 1.0 mil Overlaminate, Education Design, Landscape orientation, 250 count | Durable Overlaminate that incorporates multiple Visual Security Elements (VSEs) into an elegant and versatile design that is ideal for K-12, community colleges, or universities |

## HID FARGO UltraCards

DTC4500e Accepted Card Size / Thickness / Construction: CR-80 or CR-79 / 9 mil - 40 mil / PVC or polyester cards with polished PVC finish. Cards listed below are all standard size CR-80 unless otherwise noted. (Note: PVC cards are not recommended for use in the DTC4500e Lamination Module. HID Global recommends composite cards for use with the DTC4500e Lamination Module. Adhesive cards are not for use with Lamination Module.) For best results, HID Global recommends FARGO UltraCards for use with your DTC4500e.

| | | |
|---|---|---|
| 081759 | UltraCard 10 mil, adhesive paper-backed cards Size: CR-79 | FARGO Certified UltraCard PVC Cards with adhesive paper back that offer medium card durability – 1 box contains 500 cards. (Note: Card is slightly smaller than CR-80; designed for adhesion to inside edge of proximity cards.) |
| 082266 | UltraCard 10 mil, adhesive paper-backed cards Size: CR-80 | FARGO Certified UltraCard PVC Cards with adhesive paper back that offer medium card durability – 1 box contains 500 cards. |
| 082279 | UltraCard 10 mil, adhesive Mylar®-backed cards Size: CR-79 | FARGO Certified UltraCard PVC Cards with adhesive Mylar back that offer medium card durability – 1 box contains 500 cards. (Note: Card is slightly smaller than CR-80; designed for adhesion to inside edge of proximity cards.) |
| 082267 | UltraCard 10 mil, adhesive Mylar®-backed cards Size: CR-80 | FARGO Certified UltraCard PVC Cards with adhesive Mylar back that offer medium card durability – 1 box contains 500 cards. |
| 081758 | UltraCard 10 mil cards – PVC - 1000 count | FARGO Certified UltraCard PVC Cards that offer medium card durability – 1 box contains 1000 cards (Note: Ideal for use as business cards.) |
| 081754 | UltraCard 30 mil cards - PVC | FARGO Certified UltraCard PVC Cards that offer medium card durability – 1 box contains 500 cards |
| 081751 | UltraCard 30 mil cards with High-Coercivity Magnetic Stripe - PVC | FARGO Certified UltraCard PVC Cards that offer medium card durability and include High-Coercivity Magnetic Stripe – 1 box contains 500 cards |
| 081750 | UltraCard 30 mil cards with Low-Coercivity Magnetic Stripe - PVC | FARGO Certified UltraCard PVC Cards that offer medium card durability and include Low-Coercivity Magnetic Stripe – 1 box contains 500 cards |
| 082136 | UltraCard 30 mil cards – Premium Composite | FARGO Certified UltraCard Premium Composite Cards that offer enhanced card durability and best value – 1 box contains 500 cards |
| 082137 | UltraCard 30 mil cards with High-Coercivity Magnetic Stripe - Premium Composite | FARGO Certified UltraCard Premium Composite Cards that offer enhanced card durability and best value - includes High-Coercivity Magnetic Stripe – 1 box contains 500 cards |

## HID FARGO Cleaning Materials for the HID FARGO DTC4500e

HID Global recommends cleaning your FARGO DTC4500e printer with each ribbon change to ensure the best performance and to maintain long-term printer reliability.

| | |
|---|---|
| 086177 | Cleaning Kit - Includes 4 Printhead Cleaning Swabs and 10 Cleaning Cards |
| 047725 | Cleaning Rollers – 3 Pack |
| 086131 | Extra Cleaning Cards (double sided), 50 count |
| 082133 | Iso-Propyl Alcohol Cleaning Cards - 10 pack |

## HID FARGO Replacement Printhead for the HID FARGO DTC4500e

| | |
|---|---|
| 047500 | 300 dpi Thermal Printhead Replacement Kit - Includes Replacement Printhead and complete Printhead assembly |

\*    Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, F=Fluorescing, O=Overlay B=Dye-sub Black

\*\*   Part numbers may vary by region. Please contact your dealer, integrator, or HID Sales Associate for regional part numbers.

\*\*\*  DTC4500e lamination modules utilize a cartridge system to load overlaminate materials. A single-sided lamination module will utilize only cartridge 1, while a dual-sided simultaneous lamination module will utilize cartridges 1 and 2. The single-sided lamination module can be used for dual-sided lamination as long as the printer has a dual-sided printing module attached. The dual-sided lamination module can be used for single or dual-sided lamination.

\*\*\*\* For information on additional accessories, please contact your dealer, integrator, or HID Sales Associate.

FARGO Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only HID FARGO Consumables. HID warranties are void, where not prohibited by law, when non-HID Consumables are used.



**hidglobal.com**