



IDP CARD PRINTER RIBBONS & FILMS

**Superior Quality.
Maximize Compatibility.
Unmatched Reliability.**

Using **IDP Genuine Consumables** in your IDP printer ensures optimal performance, consistent print quality, and long-term reliability. IDP ribbons, cleaning kits, and laminates are specifically engineered to work seamlessly with IDP SMART and SOLID series printers, reducing the risk of printhead damage, misfeeds, and warranty voids caused by third-party supplies. Genuine consumables also support advanced security features like SMARTMark™ and UV printing, helping customers maximize the full capabilities of their printer. By choosing IDP Genuine supplies, customers protect their investment and guarantee the best possible results with every card printed.



Maximize Your IDP Printer's Performance with Genuine Consumables

IDP offers a wide variety of dye-sublimation ink ribbons and laminates designed to meet the diverse needs of customers across industries. From standard full-color YMCKO ribbons to specialized options like half-panel, monochrome, UV security, and high-yield formulations, IDP provides the right solution for every printing application. Complementing the ribbon selection, IDP's broad range of laminates includes clear, holographic, and custom designs to enhance durability and security. Whether printing employee badges, government IDs, or high-volume membership cards, IDP's consumables deliver consistent, high-quality results tailored to your specific requirements.

Our ink ribbons are manufactured under strict ISO 14001 environmental management standards, ensuring that every stage of production meets globally recognized sustainability and compliance requirements. This certification reflects our commitment to reducing environmental impact, minimizing waste, and continuously improving our manufacturing processes—all while delivering the high-quality, reliable performance our customers expect.

IDP Color Dye-Sublimation Color Ribbons

IDP's color ribbons are high-quality, full-color ribbons engineered for producing vibrant, photo-resolution ID cards. Featuring: yellow (Y), magenta (M), and cyan (C) for full-color printing through dye-sublimation; a black (K) resin panel for sharp text and barcodes using thermal transfer; and a clear overlay (O) panel that adds a protective coating to guard against fading, scratches, and general wear.

Color ribbons are available in multiple configurations to suit a range of printing needs, including YMCKO, YMCKOK, YMCK, and HYMCKO formats. Depending on the ribbon type and printer model, they offer print yields of 100, 200, 250, and up to 500 cards per roll.



IDP Color Dye-Sublimation Security Ribbons

The **IDP YMCFKO ribbon** is a specialized full-color dye-sublimation ribbon that adds an extra layer of visual security to printed ID cards. It includes six panels: **Yellow (Y)**, **Magenta (M)**, and **Cyan (C)** for creating full-color images; a **Fluorescent (F)** panel that prints UV reactive text or images visible only under ultraviolet light; **Black (K)** resin for sharp barcodes and text; and a clear **Overlay (O)** panel to protect the card from wear and fading.

The unique **fluorescent panel (F)** enhances card security by allowing covert elements—such as serial numbers, logos, or secondary ID photos—to be printed in UV ink, invisible to the naked eye but visible under UV light. This feature is ideal for applications that require advanced fraud prevention and visual authentication, including government IDs, corporate access cards, and student IDs.

For best results, this ribbon is ideally applied using **IDP's SMARTMark™ driver tool**, which allows users to easily designate bitmap images or text to be printed using the fluorescent panel—adding customized, secure visual elements with precision and consistency.

The **IDP YMCPKO ribbon** is a premium full-color dye-sublimation ribbon that includes an added **pearlescent panel** for enhanced card security and visual appeal. It features six panels: **Yellow (Y)**, **Magenta (M)**, and **Cyan (C)** for vibrant full-color image printing; a unique **Pearlescent (P)** panel that prints iridescent text or graphics; **Black (K)** resin for crisp barcodes and text; and a clear **Overlay (O)** panel that protects the printed surface from abrasion, UV exposure, and everyday wear.

The **pearlescent (P)** panel produces a shimmering, semi-transparent effect that is visible under normal lighting—ideal for adding distinctive logos, design accents, or subtle branding elements. It also serves as a visual authentication layer, enhancing card security without the need for specialized inspection tools.

IDP Monochrome Ribbons

IDP's monochrome ribbons are designed for high-speed, cost-effective printing of text, barcodes, and simple one-color graphics on ID cards. Using direct-to-card thermal transfer technology, these ribbons apply a single-color resin to the card surface, delivering sharp, durable results ideal for applications that don't require full-color images. Monochrome ribbons are perfect for visitor passes, membership cards, student IDs, and cards with pre-printed backgrounds.

Available in a wide range of colors—including black, white, gold, silver, blue, and red—IDP's monochrome ribbons support various branding and design needs. They offer high yield per roll, with some models producing over 1,200 prints, making them a practical and economical choice for organizations focused on efficiency and long-term value.

IDP Combination Ribbons

IDP's BO and KO ribbons are specialized monochrome ribbon types designed for high-contrast printing with added protection and visual clarity.

The BO ribbon consists of a Black (B) dye-sublimation panel followed by a Overlay (O) panel. It is ideal for printing gray-scale-to-black images and graphics while applying a clear overlay to enhance card durability. This ribbon is well-suited for grayscale photo printing on blank cards or cards with pre-printed backgrounds, particularly when full-color is not required but long-lasting output is essential.

The KO ribbon features a Black (K) resin panel and an Overlay (O) panel. The "K" panel delivers crisp, solid black printing, perfect for barcodes, text, and one-color logos. Like the BO ribbon, it also applies a protective overlay to increase card longevity. KO ribbons are commonly used for high-contrast black printing on blank or pre-printed cards in applications where color isn't needed, but durability is critical.

Both ribbon types offer efficient, cost-effective solutions for printing high-quality monochrome elements while ensuring the card surface is protected through the integrated overlay panel.

IDP Laminate Film

IDP offers a comprehensive range of laminate products designed to enhance the durability, security, and longevity of printed ID cards. These laminates are compatible with IDP's laminating printers, such as the SMART-51L and SMART-81L, and are applied using a built-in thermal transfer process that bonds the laminate to the card surface.

IDP laminates are available in clear, holographic, and custom security designs, providing both physical protection and visual authentication. The clear laminates offer superior resistance to abrasion, fading, and moisture, making them ideal for high-use environments. For added security, IDP's generic holographic laminates include pre-embedded security patterns that are difficult to replicate, while custom holograms can be developed for organizations requiring a unique, tamper-resistant solution.

Laminates come in a variety of configurations, including full-card coverage and patch-style laminates that leave space for magnetic stripes or smart chip areas. Available thickness options range from 0.6 mil to 1.0 mil, depending on the level of protection required.

Whether you need basic card protection or advanced anti-counterfeiting features, IDP's laminate products provide a reliable, high-quality solution for securing and extending the life of your printed cards.



DIRECT-TO-CARD COLOR RIBBONS

SMART-21



653313RK

SMART-21 Printer Consumable Kit, comes with 1 ea YMCKO 100-print ribbon and 100 CR80 Primus PVC Glossy Printable Cards **(only sold as kit)**

653314

SMART-21 Black
1200 prints per ribbon

653317

SMART-21 Metallic Silver
1200 prints per ribbon

653316

SMART-21 Metallic Gold
1200 prints per ribbon

653315

SMART-21 White
1200 prints per ribbon

659592*

SOLID-210 YMCKO Full-color, resin black and overlay panel ribbon
250 prints per ribbon

659596*

SOLID-210 Resin Black Ribbon
1200 prints per ribbon

659598*

SOLID-210 Metallic Silver
1200 prints per ribbon

659597*

SOLID-210 Metallic Gold
1200 prints per ribbon

659599*

SOLID-210 White
1200 prints per ribbon

SOLID-210



*Please be sure to include the part number suffix (e.g., LE, UX, SE) when placing your order — for example, 659592-UX.

SMART-31 and 51



SMART-31S

659366

SMART-31/51 YMCKO
250 prints per ribbon

659373

SMART-31/51 MS (Metallic Silver)
1200 prints per ribbon

900900

SMART-31/51 YMCKO Ribbon Kit
250 prints per ribbon



SMART-31D

659863

SMART-31/51 YMCKO
100 prints per ribbon

659374

SMART-31/51 MG (Metallic Gold)
1200 prints per ribbon

900903

SMART-31/51 YMCKO Ribbon Kit
100 prints per ribbon



SMART-51S

659376

SMART-31/51 YMCKOK
200 prints per ribbon

659370

SMART-31/51 W (White)
1200 prints per ribbon

900902

SMART-31/51 YMCKOK Ribbon Kit
1200 prints per ribbon



SMART-51L

659378

SMART-31/51 ymckO (Half Color)
350 prints per ribbon

659372

SMART-31/51 B (Blue)
1200 prints per ribbon

900901

SMART-31/51 K Black Ribbon Kit
1200 prints per ribbon

659380

SMART-31/51 YMCFKO (UV)
200 prints per ribbon

659371

SMART-31/51 R (Red)
1200 prints per ribbon

Ribbon kits come with the ribbon assembled in the cassette

653307

SMART-3/51 YMCPKO (Pearlescent)
200 prints per ribbon

659375

SMART-31/51 SO (Scratch-Off)
1200 prints per ribbon

659367

SMART-31/51 K (Black)
1200 prints per ribbon

659367

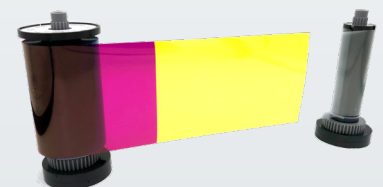
SMART-3/51 KO (Black and Overlay)
600 prints per ribbon

659389

SMART-31/51 BO (Black Overlay)
200 prints per ribbon

659389

SMART-31/51 R (Red)
1200 prints per ribbon



SOLID-310 and 510



659592*
SOLID-310/510 YMCKO
250 prints per ribbon

659595*
SOLID-310/510 HYMCKO (Half Color)
350 prints per ribbon

659599*
SOLID-310/510 W (White)
1200 prints per ribbon



659593*
SOLID-310/510 YMCKOK
100 prints per ribbon

659596*
SOLID-310/510 K (Black)
1200 prints per ribbon

659600*
SOLID-310/510 B (Blue)
1200 prints per ribbon



659594*
SOLID-310/510 YMCFOK (UV)
200 prints per ribbon

659598*
SOLID-310/510 MS (Metallic Silver)
1200 prints per ribbon

659601*
SOLID-310/510 R (Red)
1200 prints per ribbon



653308*
SOLID-310/510 YMCPKO (Pearlescent)
200 prints per ribbon

659597*
SOLID-310/510 MG (Metallic Gold)
1200 prints per ribbon

659602*
SOLID-310/510 SO (Scratch-Off)
1200 prints per ribbon

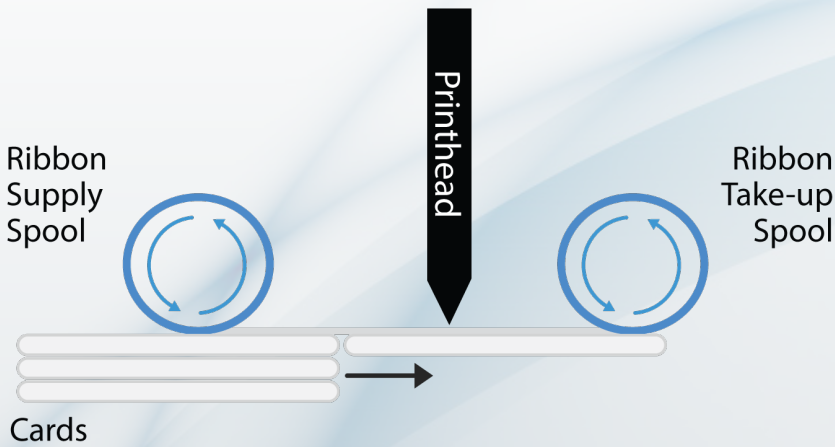


659606*
SOLID-310/510 KO (Black and Overlay)
1200 prints per ribbon

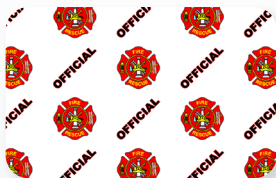
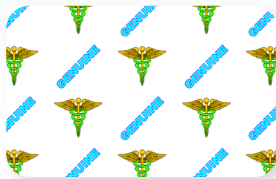
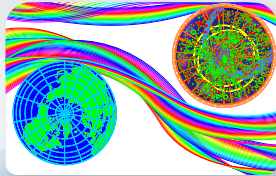
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DIRECT TO CARD PRINTING

Direct-to-Card (DTC) printing is a fast and affordable way to print images and text directly onto plastic cards, like ID badges. It uses heat and a special ribbon to put the design on the card. DTC printers are great for quick, on-demand printing, but they may leave a small border around the edge and work best on smooth cards.



SMART-51 Laminates



900806
SMART-51 Alternating Full Hologram Secure Globe front, Full clear patch back
125 prints per ribbon

900807
SMART-51 Alternating Full Holo patch Secure Globe front, 1/2 clear patch back
125 prints per ribbon

659390
SMART-51 Clear Laminate Film
250 prints per ribbon

659392
SMART-51 Globe Flags Hologram Patch Laminate Film
250 prints per ribbon

659405
SMART-51 Celestial Hologram Patch Laminate Film
250 prints per ribbon

900802
SMART-51 Genuine Medical Hologram Patch Laminate Film
250 prints per ribbon

900803
SMART-51 Secure Globe Hologram Patch Laminate Film
250 prints per ribbon

659398
SMART-51 Clear patch type laminate film, smart cut
250 prints per ribbon

900800
SMART-51 Alternating full Clear IC patch film front, 1/2 clear patch back
125 prints per ribbon

900801
SMART-51 Alternating Full Clear Patch Film front, Half Clear Patch Film Back
125 prints per ribbon

900869
SMART-51 Alternating Full Clear IC Chip / Full Clear, Patch Laminate Film
125 prints per ribbon

900804
SMART-51 Official Fire/Rescue Hologram Patch Laminate Film
250 prints per ribbon

900805
SMART-51 Law Enforcement Hologram Patch Laminate Film
250 prints per ribbon

SOLID-510 Laminates

659609*
SOLID-510 Clear patch type laminate film, 1mil
250 prints per ribbon

659608*
SOLID-510 Globe Flags Hologram Patch Laminate Film
250 prints per ribbon

900826*
SOLID-510 Clear patch type laminate film, 1mil (25mic), smart cut
250 prints per ribbon

900834*
SOLID-510 Alternating full Clear IC patch film front, 1/2 clear patch back
125 prints per ribbon

900825*
SOLID-510 Alternating Full Clear Patch front, Half Clear Patch Film Back
125 prints per ribbon

900827*
SOLID-510 Genuine Medical Hologram Laminate Film
250 prints per ribbon

900828*
SOLID-510 Secure Globe Hologram Patch Laminate Film
250 prints per ribbon

900829*
SOLID-510 Official Fire/Rescue Hologram Patch Laminate Film
250 prints per ribbon

900830*
SOLID-510 Law Enforcement Hologram Patch Laminate Film
250 prints per ribbon

900831*
SOLID-510 Alternating Secure Globe-Front Hologram, Full clear patch back
125 prints per ribbon

900832*
SOLID-510 Alternating Secure Globe Front Hologram, 1/2 clear patch back
125 prints per ribbon

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RETRANSFER COLOR RIBBONS



SMART-81

653547

SMART-81 YMCK / Color Ribbon / & Retransfer Film Pack
500 prints per ribbon

653378

SMART-81 YMCKK / Color Ribbon (no film included)
500 prints per ribbon

653379

SMART-81 YMCFK / Color Ribbon with UV panel (no film included)
500 prints per ribbon

653431

SMART-81 Retransfer INTM Film (no ink included)
500 prints per ribbon

653629

SMART-81 L Laminate Clear 1mil Patch Laminate Film
500 patches per roll

900849

SMART-81 L Laminate Globe Flags 1mil Patch Laminate Film
500 patches per roll

900850

SMART-81 L Laminate Globe Flags ThinFilm Overlay Laminate Film
1000 patches per roll

653630

SMART-81 L Laminate "Celestial" Hologram 1mil Patch Laminate Film
500 patches per roll

900868

SMART-81 L Alternating Clear IC Chip Full Clear, 1mil Patch Laminate Film
500 patches per roll

900868

SMART-81 L Alternating Clear IC Chip Full Clear, 1mil Patch Laminate Film
500 patches per roll



SOLID-810

653548*

SOLID-810 YMCK / Color Ribbon / & Retransfer Film Pack
500 prints per ribbon

653550*

SOLID-810 YMCKK / Color Ribbon / 500 Images (no film included)
500 prints per ribbon

653379*

SOLID-810 YMCFK / Color Ribbon with UV panel (no film included)
500 prints per ribbon

653551*

SOLID-810 Retransfer INTM Film (no ink included)
500 prints per ribbon

659609*

SOLID-810 L Laminate Clear 1mil Patch Laminate Film
500 patches per roll

900864*

SOLID-810 L Laminate "Globe Flags" 1mil Patch Laminate Film
500 patches per roll

900866*

SOLID-810 L Laminate "Globe Flags" ThinFilm Overlay Laminate Film
1000 patches per roll

900865*

SOLID-810 L Laminate "Celestial" Hologram 1mil Patch Laminate Film
500 patches per roll

900826*

SOLID-810 L Laminate Clear IC Chip, 1mil Patch Laminate Film
500 patches per roll

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RETRANSFER PRINTING

Retransfer printing technology enhances ID card quality and longevity through a two-step process: printing an image onto a clear film, which is then transferred onto the card.

