Pre-printing during the card manufacturing process creates stunning graphics and accurate colors for truly professional looking cards. Pre-printing is available for all types of cards, whether they are plain plastic, they contain prox or other smart chips, or they have magnetic stripes.

Having led the industry in providing pre-printed card services for almost 15 years, ColorID has developed and refined the process for consistently producing beautiful pre-printed cards that exceed our customers’ expectations.

PROJECT MANAGEMENT

The ColorID Project Management team has many years of experience in managing large and small projects.

- Every pre-printed card job is considered a custom project, to which a specific Project Manager is assigned. They will walk through every step of the process with you.
- Your ColorID Project Manager will learn everything about your requirements and specifications.
- Artwork has to be submitted in the correct format, including file type, resolution, image size, and PMS specifications. The Project Manager will help you make decisions so your artwork meets these requirements.
- Your Project Manager will provide either a digital or hard proof for your approval, before the full order of cards is manufactured.
- If your card contains a prox or other smart chip, the Project Manager will provide a programmed version of the card for testing with all the systems with which it will interface.
Pre-printed cards from ColorID offer many advantages over cards that are only printed in desktop dye-sublimation printers:

1. Durability – A 1.5 mil clear overlay is built into the surface of the card during the manufacturing process, providing superior protection for the pre-printed graphics.

2. Resolution – Pre-printing is done at approximately 10 times the resolution of that provided by desktop dye-sublimation printers, resulting in dramatically sharper images.

3. Speed – Pre-printing of background graphics allows you to print only the variable data (name, numbers, photo, etc.) on the card in your desktop printer. This can take less time than printing over the entire surface of the card, thereby increasing productivity.

ColorID employs state of the art pre-printing processes:

- Fully digital pre-press for creating lithographic plates, ensuring the highest quality images.
- Fully digital litho offset printing presses use the most advanced technology available for plastic card printing. The color hue and density, as well as the litho plates themselves are computer controlled, to ensure the highest possible consistency and accuracy for your pre-printed cards.
- Cards are pre-printed and manufactured (laminated) in large sheets of 21 to 70 cards each. After printing, cutting the cards out of the sheets is guided by an optical registration system that checks for accuracy on three axes.
- The cards undergo a final inspection by a computer-controlled inspection system that assures the highest card quality.

ColorID uses manufacturing facilities that are certified ISO 9001, the highest quality designation.

- These facilities produce cards for American Express, Visa and MasterCard with a capacity of over 1 billion cards per year.
- We utilize a 3 stage proofing process to make sure your cards are exactly the way you need them to be.

ColorID offers identification devices in a wide range of forms, all available with pre-printing:

- Teslin key fobs – About the thickness of a card, these are normally pre-printed with logos and bar codes. They are available in punch-out cards containing one to three fobs and accompanying advertising and/or instructions.
- Hang tags – Usually made to hang from rear-view mirrors in parking applications, hang tags are available in many shapes and sizes and can include pre-printing. They are also available with UHF (RFID) chips, which can be read at distances up to 30 feet.
- RFID keyfobs – Thicker and more durable than cards, these are available with many different types of prox or contactless chips, for use with standard access control system door readers. Many of these keyfobs are also available with pre-printing, though the number of available colors or patterns may be limited.
- Badgeholders, badge reels, lanyards – ColorID provides the same high quality service and project management for custom accessory projects as it does for pre-printed card jobs.
- Custom encoding of prox, contactless and contact smart chips – ColorID offers many services for encoding or reading chips in cards. These are available as part of a pre-printed card project or as a standalone service that does not involve printing.
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ADDITIONAL PRODUCTS & SERVICES
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