



# Credential Care and Handling Guide

Please Review in Detail

## Introduction to XceedID Cards

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Printable XceedID cards are made of PVC. Each card contains a coiled antenna and a silicon processing chip. All glossy PVC cards can be printed with images, photos and text using standard dye-sublimation processes.

Please review XceedID's recommendations for handling and printing below. Proper use and care of XceedID cards will ensure optimal performance.

## DOs and DON'Ts for all XceedID Credentials

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### DO NOT:

- Do not* use for any other purpose than identification and/or access control.
- Do not* leave in direct sunlight.
- Do not* expose to intense heat or open flame.
- Do not* expose to chemical or organic solvents.
- Do not* machine wash.
- Do not* twist, bend or crease.
- Do not* use as a scraping tool.
- Do not* re-laminate after production.
- Do not* immerse in chemicals, including alcohol.
- Do not* punch or modify holes in undesignated areas of the card.
- Do not* pound or crush.

### DO:

- Do store in a wallet or purse.
- Do use dye sublimation printers to add images directly to card.
- Do use a soft, non-abrasive cloth and water for post-printing cleaning.

## General Printing Instructions

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1. XceedID cards are shipped shrink wrapped. Please remove shrink wrap carefully to avoid scratching card surfaces. Using a knife or other sharp object to remove shrink wrap can mar or scrape cards.
2. Image quality can vary based on card handling, printer quality, printer variation, printer type, printer age and maintenance, environmental conditions, color selection, image capture and other factors. XceedID Corporation is not responsible for variations in image quality. All cards are built to specification and quality controlled to accommodate high resolution printing. The card is not the source of failure when desired printing results are not achieved.
3. Fingerprints and oils from the hands can cause smudging or distortion during printing. XceedID recommends handling all cards with powder-free gloves. Powdered gloves can leave deposits on cards that result in inconsistent image quality.

4. For best results, handle cards by the edges only to avoid damaging or dirtying the flat, printable surfaces.
5. Always check cards for smudges or debris before printing. Card surfaces easily collect dust and other particles. For optimal printing results, cards should be free of all small debris or smudges. ONLY 99% pure Isopropyl alcohol can be used to wipe cards clean before printing. All other means of cleaning may leave residue on the card that can compromise print quality.
6. The space used for card printing should be clean and free from dust or other airborne particles. Dirt and debris on the cards, or in the printer, may disable or damage the printer and/or compromise print quality.
7. Regularly clean and maintain your printer for best results. Maintenance schedules, cleaning instructions and suggested number of prints per ribbon vary by printer manufacturer. Please review your printer manual or contact your printer manufacturer for product details. At a minimum, XceedID recommends cleaning the printer after every 35 printed cards (or more often if recommended by the printer manufacturer).
8. If a card has been dropped, mishandled, or exposed to dirt or debris, carefully clean with 99% pure alcohol before printing.
9. Variations in card surface due to embedded components may cause printing imperfections or color inconsistency. When designing printing layouts, avoid large areas of solid color and screened color backgrounds, do not position a photo or logo directly over an embedded chip or opposite the edge of a magnetic stripe, and select art with variations in color and/or pattern for optimal results. XceedID recommends that NO PRINTING be applied in the corner location of the embedded chip (this is an area approximately .6"x.6" square in the corner where the embedded chip is located). White backgrounds are most likely to yield consistent results. Always print several test cards to ensure desired effect and make any adjustments needed to ensure the highest quality result.
10. Occasionally, very small scuff marks may be observed on the surface of cards. These marks do not affect the printer and will not compromise the quality of printed cards.
11. Avoid printing on cards that have been pre slot punched. Slot punches can tear printer ribbons, or interfere with the sensor technologies used by the printer to identify the start and end of each card. These complications can significantly slow or halt printing. For best results, print cards before slot punching. If you must print on pre punched cards, do not print directly over the area housing a slot.

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