Credential Handling Guide

General Information

ISO credentials are made with layers of PVC or polyester composite material with a glossy surface that is intended for photo ID printing.

All contactless cards contain an IC or Integrated Circuit (chip) and an antenna coil. Because of this care should be taken when handling and printing to ensure the best cosmetic and performance results occur.

Printing and Credential Design

Color variations or voids may occur with direct to card printers due to the surface variations over the chip and antenna area. Avoid printing large areas with solid or half tone designs in these areas. It is best to choose artwork with varied colors and patterns to minimize these variations. Do not place a photo or barcode over the chip area on the credential.

It is always best to print a few test cards before running an entire batch to ensure that the print is as you desire, make alterations as needed to artwork to obtain desire results.

Card Handling

Our printable credentials are shrink-wrapped when they arrive. Take care in removing these credentials from the packaging so that they do not get scratched.

Always handle cards from the edge and not from the flat glossy surface. Use lint free gloves or finger cots to prevent oils and finger print transferring on to the card.

Card image quality may vary even with careful handling. This can be due to variations in printer set up, environmental changes, storage temperature and color selections for artwork.

The manufacturer is not responsible for image quality or variations in print. Our cards have been tested to meet requirements for high quality images. Failure to achieve these results is not the fault of the card.

Printing Tips

To achieve optimum results, follow these tips:

1. Always check for debris on the card before placing them into a printer. If debris is detected, the cards can be cleaned using 99% pure isopropyl alcohol and a soft lint free cloth.

2. Fine scuff marks may appear on the cards surface. These marks do not affect the printer, and should not affect the printed image. These scuff marks can occur during final inspection and testing.

3. Printer manufactures discourage printing on slot punched credentials. The edge of the slot punch may have a bur or sharp edge that can tear or pull a printer ribbon. It is recommended that you print the card first and then punch the slot marks.

4. The office where you print should be clean and free of airborne particles.

5. Check the printer roller frequently using manufacturer directions.

Slot Punching

Cards have slot punch indicators, small dots visible on the card back which show the only allowable slot locations for the card.

It is strongly suggested to use badge grippers instead of slot punching the cards. If you slot punch the card, carefully center the indicator marks to the punch, and punch only where the indicator marks appear.

Any other position may damage the electronics. If there are no marks, the card cannot be safely punched.

Always test the first card after printing and slotting. Once satisfied with the quality, continue running the full card lot.
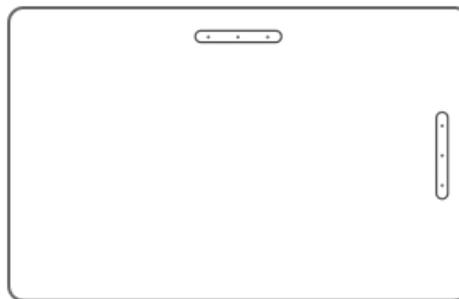
Vertical and Horizontal Slot Indicators

Absolute Access ID
800 S. Gay Street
Suite 700
Knoxville, TN 37929
Phone: 865-771-9697
www.absoluteaccessid.com