

Multi-Technology Image Ready Proximity Cards

Keri's Multi-Technology Image Ready Proximity Cards are designed to give customers all the benefits of proximity access control plus the convenience of combining mag stripe and photo so only one card is required by the user. Typical applications employ the proximity for access control, the photo for positive picture ID, and the mag stripe for other functions such as debit systems (cafeteria, library, copy machine, etc.) that may be present. Following these basic guidelines will ensure that you get maximum use out of your Multi-Technology Image Ready Proximity Card and extend its life as long as possible. Because of the inherent weakness of the PVC material which is required for "dye sublimation" printing, these cards are not covered by the lifetime warranty that applies to Keri's Standard Light Proximity Cards and Proximity Key Tags.

Dye Sublimation Printing on Keri's Multi-Technology Card

The Multi-Technology Card is manufactured using a gloss finish PVC material that normally provides a high quality image.

If your card will be printed with a direct-print "dye sublimation" printer, do not touch the surface of the card until after it is printed. Any dirt or oil from your hand could cause an imperfect image and could potentially damage the printer's print head. Load a whole stack of cards into the printer's hopper, making sure to touch the cards only on the edge.

- A) Use test cards to verify printer operation and image quality before printing proximity cards.
- B) Use a soft cloth to clean dust or oil off the card. Make sure the cloth is of a material that will not leave lint on the card.
- C) We recommend that you do not slot punch the cards before printing. Punched slots can sometimes jam or damage your card printer.
- D) Do not put the card near a high strength magnetic field after encoding the mag stripe. This can erase the encoded data.

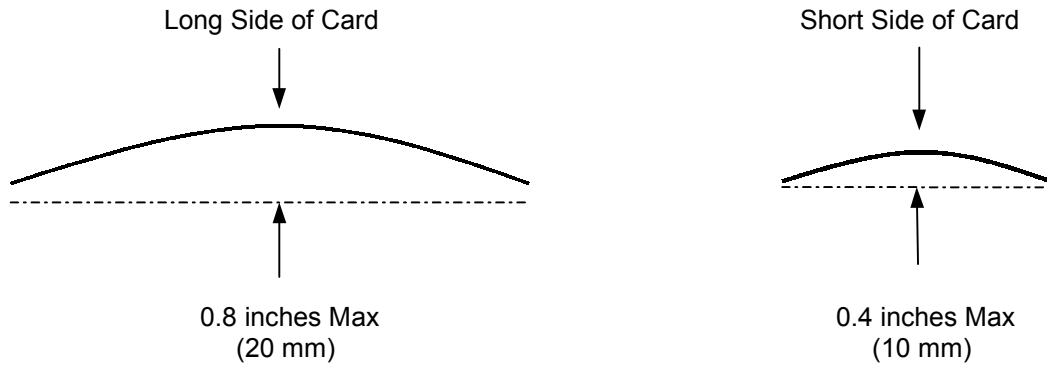
Mechanical and Thermal Stress

Mechanical Stress

Keri's Multi-Technology Cards are manufactured to comply with internationally accepted ISO standards for identification credentials. These standards dictate the amount of physical and electrical stress the card is capable of withstanding. To maximize the life of the card, never bend or twist it. The micro-electronic components in it are delicate and can be damaged if the card is abused. The card will withstand stress caused by flexing the card as shown in the examples provided below but stress exceeding these forces may damage it.



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The bow indicated must be over the entire card, flexing a small portion of the card to a height of 0.8 inches on the long side of the card or 0.4 inches on the short side of the card can damage it.

Thermal Stress

Never subject the card to heat in excess of 160°F (approximately 70°C). Temperatures exceeding these can permanently warp the card and can mechanically stress the card causing failure. Keri does not recommend leaving the card in a closed car. Temperatures can easily exceed 160° in a vehicle left in the sun.

Punching

A card must be punched in one of the two areas marked on the body of the card. Punching outside of these areas voids the card's warranty. When punching a card, the punching machine must not flex the card beyond the limits identified above. Over flexing card the card during punching will also void the card's warranty.

