



## Contactless Payment and Identification Stickers

### PROMOTE TRANSACTION FREQUENCY AND CUSTOMER LOYALTY

- **Increase participation** – in closed-loop payment and loyalty programs by improving end-user convenience
- **Promote your organization** – with custom imprinted logo or message
- **Ensure reliable transaction processing** – without interference, no matter where the sticker is mounted
- **Introduce mobile payment** – to customers quickly and easily with contactless stickers



*Place credentials more conveniently at hand.*

HID Global Contactless Payment and Identification Stickers place credentials always at one's fingertips, promoting more frequent end-user participation in closed-loop payment and loyalty programs. The stickers are an optimal solution for retailers, public transit operators and campuses seeking to engage customers in their services and products.

A sticker enables each program participant to adhere a unique, compact credential to a wallet, ID badge, mobile phone or MP3 player – wherever is most convenient for the user.

Each sticker may be custom printed with a logo and promotional message – an ever-present reminder of the participant's relationship with the issuer. The standard ID1-size cards with breakout stickers may be pre-printed with your graphics

or serial numbers, laser-engraved, programmed with custom keys or other identifying data, or personalized on-site in a reverse transfer desktop printer such as the FARGO® HDP5000.

Contactless Payment and Identification Stickers are available in the most popular contactless technologies, including MIFARE™, MIFARE DESFire™ and iCLASS®. Integrators and operators can choose a card technology that easily integrates into current payment, loyalty or access control systems.

These stickers deliver reliable performance through frequent and long-term use. An embedded shield prevents interference when mounted on a mobile phone or other electronic device; electronics are encased in durable PVC, and a specialized adhesive ensures credentials stay in place.

**CONTACTLESS STICKERS:**

- Placed on a mobile phone, delivers a user experience comparable to that of Near Field Communication (NFC) programs, making it an excellent test platform for providers considering NFC
- Incorporates an embedded shield to prevent interference when mounted on a mobile phone or other electronic device
- Electronics are encased in durable PVC
- Employs specialized adhesive to ensure credentials stay in place

**PRINTING AND PERSONALIZATION OPTIONS**

- Color on card
- Graphics
- Low minimum order requirements
- Additional capabilities offered through HID Identity on Demand™ services\*

**AVAILABLE CONTACTLESS TECHNOLOGIES:**

- MIFARE™ 1K and 4K
- MIFARE DESFire™ EV1 2K, 4K and 8K
- iCLASS®



**SPECIFICATIONS**

|                                   | MIFARE™   | MIFARE DESFire™ EV1  | iCLASS®   |
|-----------------------------------|---|--|---|
| <b>Memory Size</b>                | 1k and 4k**   | 2k, 4k and 8k**  | 2k and 32k**  |
| <b>Application Areas</b>          | <ul style="list-style-type: none"> <li>· 1k - 1 kbyte (8 kbits) arranged in 12 sectors</li> <li>· 4k - 4 kbyte (32 kbits) arranged in 40 sectors</li> </ul> | <ul style="list-style-type: none"> <li>· 2k - 2 kbytes arranged in up to 8 applications with up to 32 files per application</li> <li>· 4k - 4 kbytes arranged in up to 16 applications with up to 32 files per application</li> <li>· 8k - 8 kbytes arranged in up to 28 applications with up to 32 files per application</li> </ul> | <ul style="list-style-type: none"> <li>· 2k - 2 kbits with 2 application areas</li> <li>· 32k - 32 kbits with 16 kbits in 2 or 16 application areas, plus 16 kbits in 1 application area</li> </ul> |
| <b>Typical Maximum Read Range</b> | 1 - 3"  | 1 - 2"   | 2 - 3"  |
| <b>Dimensions</b>                 | ISO Card - 85.5 x 54 x 0.84mm (3.38 x 2.12 x 0.03")<br>Mini Card - 48 x 25 x 0.84mm (1.89 x 0.98 x 0.03")   |  |   |
| <b>Construction</b>               | PVC   |  |   |
| <b>Operating Temperature</b>      | -40° to 158° F (-40° to 70° C)  |  |   |
| <b>Weight</b>                     | 0.28 oz (7.9 g)   |  |   |
| <b>Write Endurance</b>            | Minimum 100,000 cycles  |  |   |
| <b>Data Retention</b>             | Minimum 10 years  |  |   |
| <b>Printable*</b>                 | Yes   |  |   |

\*Read more about HID Identity on Demand services at [hidglobal.com/secureidentity/identityondemandservices.php](http://hidglobal.com/secureidentity/identityondemandservices.php)  
\*\*Please contact your salesperson for order information.

