

DATACARD® TACTILE IMPRESSION FEATURE



SECURITY YOU CAN SEE AND FEEL

Card security is an evolving process that requires new technology specifically designed to protect people, programs and budgets. Datacard Group's patent pending tactile impression feature offers a truly impressive differentiator that takes security and card design to new levels of personalization.

First of its kind technology, perfect for any application

The tactile impressor feature, designed exclusively for use in the Datacard® SD460™ card printer and CD800™ card printer with inline lamination module, offers an affordable and entry-level security feature ideal for any card program. This patent-pending feature utilizes a mechanical die within the laminator that physically impresses a generic or custom design directly onto the card substrate and overlay or patch laminate in the same pass. The final output is a card with added counterfeiting and tampering resistance that will impress any cardholder.



Example of a generic tactile impression die.



Protect cards with tamper evident features. A tactile impression will tear a laminate during a removal attempt.

Enhanced security at the time of personalization

The key behind creating a secure ID is to incorporate multiple layers of defense throughout the card that inhibit tampering and counterfeiting - yet still remains easy to visually verify for authenticity. When using the tactile impression feature, cards instantly become more secure by physically altering the card substrate and overlay and patch laminate with a feature that is difficult to replicate, yet easy to validate by inspectors. It also enhances tamper evidence by tearing a patch laminate during an attempt to remove it, rendering the laminate unusable for application onto counterfeit cards. Positioning the impression over the portion of a cardholder photo or personal information also protects this sensitive data from alteration.

Impressive branding, impressive customization

In addition to increased security, a tactile impression is perfect for card issuers looking for ways to highlight and promote their brand with eye-catching features unlike anything currently available in the marketplace. Datacard Group offers a variety of generic designs that fit most market applications or issuers can also choose to design a unique die that's distinctively theirs. A die design can be anything from text only, to an image, or a combination of both. For the ultimate level of secure customization, pair a custom die with a customized holographic overlay also available from Datacard Group.



Create a unique design for a tactile impression *and* overlay. Start with a simple concept like a company logo, State seal or university crest.



Davies Enterprises Ltd.
114 Chain Lake Drive
Halifax, NS B3S1B1
(902) 450-5075

DatacardGroup

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Specifications

Datacard Group offers a choice of five different generic impressor* designs that are applicable for a variety of markets. Datacard Group also offers custom die creation. To begin the process for creating a custom design and for best practices regarding impressor placement** and design please contact your Datacard solutions provider for assistance.

*SD460 printers and CD800 printers with lamination require a tactile impression module to use the tactile impressor feature. The module can either be installed at the factory at the time of printer purchase or added onto existing printers as a field upgrade kit.

** Check with your solutions provider or card manufacturer before using the impression feature on technology cards.

Die Part Numbers

Part Number	Description	Factory or Field Installation
509427-001	DIE, .5 INCH (12.7 MM), EDUCATION	Factory
509428-001	DIE, .9 INCH (22.86 MM), MEDICAL	Factory
509428-002	DIE, .9 INCH (22.86 MM), GLOBAL	Factory
509428-003	DIE, .9 INCH (22.86 MM), SECURITY	Factory
509428-004	DIE, .9 INCH (22.86 MM), BANK	Factory
509555-001	UPGRADE KIT, DIE, .5 IN (12.7 MM), EDUCATION	Field
509556-001	UPGRADE KIT, DIE, .9 IN (22.86 MM), MEDICAL	Field
509556-002	UPGRADE KIT, DIE, .9 IN (22.86 MM), GLOBAL	Field
509556-003	UPGRADE KIT, DIE, .9 IN (22.86 MM), SECURITY	Field
509556-004	UPGRADE KIT, DIE, .9 IN (22.86 MM), BANK	Field

Generic Designs



.5 in. (12.7 mm)
Education Design



.9 in. (22.86 mm)
Medical Design



.9 in. (22.86 mm)
Global Design



.9 in. (22.86 mm)
Security Design



.9 in. (22.86 mm)
Bank Design



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CORPORATE HEADQUARTERS

11111 Bren Road West
Minnetonka, Minnesota 55343-9015
Phone: +1 952 933 1223
www.datacard.com
info@datacard.com

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