

3 MTM C o n f i r mTM P r o d u c t s



enter fingerprint

C u s t o m i z e d s o l u t i o n s f o r e n s u r i n g t h e s e c u r i t y o f y o u r d o c u m e n t s

L o c a l S e r v i c e . G l o b a l S u p p o r t .

3M™ CONFIRM™ LAMINATE: SYNONYMOUS WITH SECURITY.

CUSTOMIZED SOLUTIONS.

We recognize that technologies aren't solutions unless they solve your problems. So, we apply our years of experience with materials science to develop customized security laminates that work for your specific situation.

Whether your challenge is defeating sophisticated counterfeiters or ensuring that attempts at alteration are detected at inspection points, we can provide materials that are customized to meet your needs for security features and format.

OUR FOCUS IS SECURITY.

3M™ Confirm™ Products have been proven time and again to be extremely secure. And whether your need is for overt authentication, covert authentication or both, our family of products will offer a solution that matches your security requirements and your price point.

Security features also include customized artwork to uniquely identify your documents. This means verification is easy at all points of inspection.

For more than 30 years, Confirm Laminates have offered strong protection for your secure identification documents. The laminate's patented retroreflective background and pattern provide covert security—they're transparent under ambient lighting conditions. But when viewed under a focused light source, the laminate obscures data below the surface and reveals a bright, unmistakable retroreflective pattern.

Missing retroreflective patterns are an immediate visual indicator of potential simulation attempts. Possibilities include the substitution of conventional laminates or over-laminating the surface to disguise changes or additions.

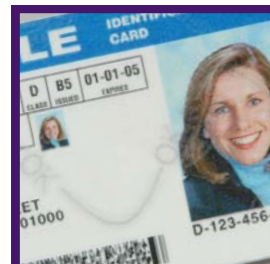
Any disruption to the laminate's surface, however, will signal tampering attempts. 3M Confirm Laminate is resistant to the most common attacks:

- Retroreflective patterns that are not aligned can indicate an attempted alteration.
- Retroreflective patterns that are blocked when verified with a light source can mean that data has been added to the surface of the laminate.
- Dark spots or washed out retroreflective patterns can indicate attempts to tamper with the document using solvents.

The proprietary technologies used in Confirm Laminates are the product of years of research in secure laboratories. Component materials are not commercially available, and the manufacturing expertise and equipment required to replicate the laminate make it extremely difficult for counterfeiters to pursue.



Passport application.



Teslin® cards.



Composite cards.



EASY VERIFICATION.

When protected by Confirm Laminate, a document's integrity can be immediately verified without the need for extensive laboratory or forensic investigation. Confirm Laminates are also available with two overt security options:

- The Visible Security Image (VSI) option enables verification with the human eye alone. Under normal light, the VSI changes intensity as the document's viewing angle is changed.
- Confirm Laminate with Floating Image (FI) includes our newest Optically Variable Device (OVD). A customized virtual image appears to float above or sink below the surface of the document as the viewing angle changes. This dramatic shift in the image is easy to see with the human eye, enabling your documents to be verified quickly and easily—without a tool.

In addition to these security features, Confirm Laminates go one step further to protect your documents and cards from counterfeiting and alteration. They have a unique “silky” feel created by the lenticular matte finish. This distinctive feel further enables inspectors to verify authenticity by fast and simple means.

Confirm Laminate with Floating Image is ideally suited for IDs or other secure entitlement documents that need to be verified by a large and widely dispersed verifier population.

PASSPORT APPLICATIONS

Because of its importance, there must be no question about a passport's authenticity. It is crucial to both issuing governments and inspection agencies that passport verification be fast, simple and foolproof. With Confirm Laminates, you can issue documents that are more secure. Proprietary technologies make Confirm Laminates nearly impossible to alter or counterfeit without detection.

TESLIN® CARD TECHNOLOGY

Thin, lightweight, and extremely flexible, Teslin cards are usually used by central issuing facilities. Confirm Laminates form a nearly invisible layer on top of this card material, with bright photo reproduction and easily readable data. Both regular Confirm Laminate and Confirm Laminate with Floating Image can be used on these cards, depending on your needs for security and ease of verification.

COMPOSITE CARD TECHNOLOGY

Most over-the-counter ID issuing systems use an extremely durable and long-lasting material for their cards. New 3M innovations have made both Confirm Laminate and Confirm Laminate with Floating Image available on a composite card. The result: you can now make your driver's licenses, national ID cards, health cards and other ID cards as impossible to tamper with or counterfeit as passports and other secure documents—and much easier to authenticate.



3M™ Confirm™ Laminate with Floating Image under normal light.

3M™ Confirm™ Laminate with Floating Image under focused light source.

3M™ CONFIRM™ PRODUCTS

EXPERIENCE PAYS.

3M brings over 30 years of experience, a global presence, technical innovation and a strong customer focus to the secure document marketplace. Our solutions cover a broad spectrum of enhanced travel and border security, including document issuance and border management.



LOCAL SERVICE. GLOBAL SUPPORT.

Serving customers in more than 200 countries around the world, 3M's 67,000 employees use their expertise, technologies and global experience to provide solutions to major markets, including safety, security and protection services.

With operations in over 60 countries, 3M is uniquely positioned to serve you locally, while supporting you with the power of a global, multibillion-dollar organization.



TRUST AND INTEGRITY.

3M's world-class reputation for quality products and services has been built on more than 100 years of innovation. By listening to our customers and developing long-term relationships, we have established a history of living up to our customers' expectations. As a result, 3M is one of the most admired and emulated companies in the world.

Put 3M's expertise and experience to work for you. Call to find out how you can secure your issuance systems and protect your documents—worldwide.



Security Systems Division
3M Center, Building 225-4N-14
St. Paul, MN 55144-1000

1-800-581-2631
www.3M.com/security

Europe/Middle East
3M Nederland B.V.
Industrieweg 24
2382 NW Zoeterwoude
Netherlands

Tel: 31 71 545 0408
Fax: 31 71 545 0430

3M Asia Pacific Pte Ltd
9 Tagore Lane
Singapore 787472
Republic of Singapore
Tel: +65-64507506
Fax: +65-64585432

Canada
3M Canada Inc.
P.O. Box 5757
London, Ontario, Canada
N6A 4T1
1-800-3MHELPS

 *Minimum 10%
Post-Consumer Fiber*

3M and Confirm are trademarks of 3M.
Teslin is a registered trademark of PPG Industries.
Printed in U.S.A.
© 3M 2004, 2005 75-0500-8183-7