

# 3M News

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## **3M Launches High Strength Clear Credit Card Filter at CardTech SecurTech**

(St. Paul, MN, May 15, 2007)--3M today announced an innovative new clear filter material that enables the design of the first high strength transparent, fully ATM-functioning payment cards. 3M says the high strength infrared (IR) **Vikuiti™ Clear Card Filter** is one of the most significant developments in payment card design since plastic, helping create a powerful new marketing and business opportunity for banks and financial service providers worldwide. The new high strength IR Filter passes all international standards for payment cards.

Visa International has recently approved 3M as a manufacturer of a transparent inlay for use in Visa-branded payment cards worldwide.

The Clear Card Filter may be seen in the **3M Booth--#408**.

"Card innovation and ease of consumer payment with plastic cards and devices has transformed the payments industry, and now a new fashion segment for banking cards has emerged with the advent of the clear card," commented Stephanie Castiglione, market development manager, 3M Optical Systems Division.

"A clear card's combination of design and functionality makes it popular with consumers and presents immediate differentiation for banks, enabling them to capture brand name awareness and move their cards to the top of customers' wallets. The more

visually appealing the design, the more positively a bank's, or card issuer's, brand image will be perceived among its target customer audience."

Using this new filter material means applying a new way of thinking when it comes to designing compelling payment cards. The transparency of the cards is what makes them different, so maximizing the increased surface area available on both sides of the card body enhances the design element prominence. Although the magnetic stripe shows through the front of the card, it can easily be integrated into the design.

Typography, solids, patterns, illustrations all reproduce well on the clear plastic substrate and it accepts traditional four-color printing in addition to a wide range of translucent inks.

The innovative design of the Vikuiti Clear Card Filter is powered by a proprietary multi-layer, IR light-blocking optical film from 3M. When laminated between two clear sheets of PVC, the film reflects the IR light generated by LEDs used in ATMs to detect the presence of a card.

The Vikuiti Clear Card Filter is now rolling out worldwide. Custom sheet sizes are available. For a sample and more information, [www.3M.com/imagineacard](http://www.3M.com/imagineacard)

**Note to Editors: Illustrations are available upon request.**

### **About 3M — A Global, Diversified Technology Company**

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the people of 3M use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit [www.3M.com](http://www.3M.com).

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