

# 3M Security Solutions

## 3M™ Light Reveal Authentication Products

3M™ Light Reveal Authentication Products use a covert taggant to deliver a secure solution that is authenticated using a specialized, hand held laser verifier. Light Reveal Authentication Products are appropriate for high security applications requiring authentication by inspectors or other selected supply chain participants.

3M Light Reveal Authentication Products emit specific colors of visible light when excited by the appropriate laser light source. They can be incorporated into printed graphics or included as an ingredient of the product to be protected. To authenticate, the user places the laser tool over the graphics or products which contains the taggant. If a Light Reveal

Authentication Product is present, the desired color will be seen.

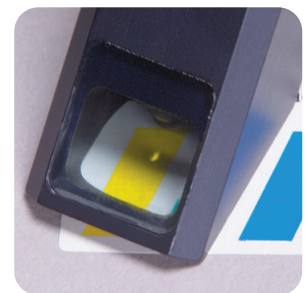
Typical applications of 3M Light Reveal Authentication Products include securing electronics, pharmaceuticals, and other high value products. Typical formats include printed graphics on pressure sensitive labels, in packaging, or as a product ingredient.

3M Light Reveal Authentication Products can help companies increase their sales and profits by reducing counterfeiting, diversion and warranty fraud. Most importantly, they can protect a company's most valuable assets – their customers, reputation, and brands.

## 3M Products

### Laser Visible Technology

- Invisible taggant can be integrated into packaging or products
- Can be easily combined with other 3M security products for layered solutions
- Emits visible light when excited by appropriate laser verifier
- Difficult for criminals to locate, simulate, or duplicate
- Little package “real estate” required
- Meets EU RoHS Directive



laser visible

### Attribute Ratings

Overt	★☆☆☆☆
Covert	★★★★☆
Tamper Indicating	★☆☆☆☆

Attributes determined by 3M Security Solutions. Ratings can be increased by combining optional features or additional 3M security technologies.

## **3M Security Solutions**

**The security of doing business with a company you can trust.**

3M is a leading global provider of innovative security solutions that use proprietary 3M technologies, including light management, optics, films, adhesives and holography. 3M has solved a wide range of security problems for both government and private organizations, protecting everything from passports and drivers' licenses to electronic components and pharmaceuticals.

Every day, 3M finds 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 company's 67,000 people 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.

## **3M Security Solutions**

### **Security Systems Division**

3M Center, Building 225-4N-14  
St. Paul, MN 55144-1000  
1-800-581-2631  
[www.3M.com/security](http://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

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