

# 3M Security Solutions

## 3M™ Retroreflective Authentication Products

3M™ Retroreflective Authentication Products use holography and patented, proprietary retroreflective technology to deliver a secure, visually attractive solution, combining easily authenticated overt and covert security features.

The overt security is a unique, black hologram, which allows the user to see variable images at different viewing angles. The covert security utilizes retroreflective technology to reflect a secure covert image when illuminated with a focused light source. The covert features are authenticated only by those with the proper training and tools.

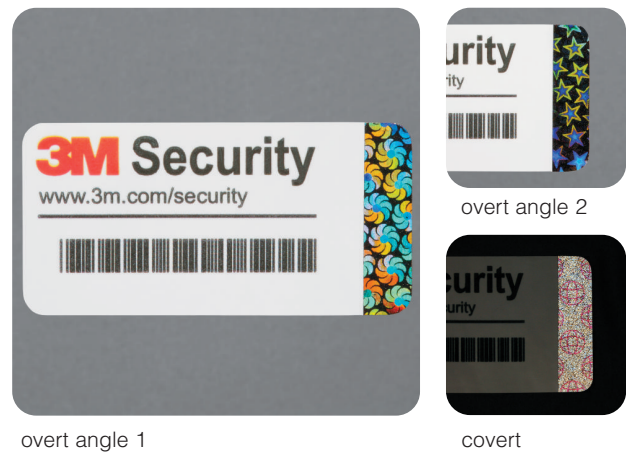
Typical applications of 3M Retroreflective Authentication Products include securing electronics, pharmaceuticals, and other high value products. Typical formats include pressure sensitive labels or security strips on various label stocks.

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

## 3M Products

### Covert Black Technology

- Technology provides two levels of verification:
  - Attractive, overt holographic images move when viewing angle is changed, encouraging user interaction
  - Strong retroreflective covert security features visible under a focused light source such as a 3M™ Handheld Retroreflective Verifier
- Covert images can be customized and are available in a variety of colors
- High resolution security holography on black background increases barrier to simulation or counterfeiting
- Overt holographic images can be a custom designed or a secure standard design
- Optional features can increase security:
  - Holographic microtext
  - Laser viewable hologram
  - Ultraviolet visible print
- Patented proprietary technology
- Meets EU RoHS Directive



### 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**

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