



The company

Since 1989, Certiline has used its experience in the chemical and graphic industries to develop products, which allow our customers to ensure the origin, declared by the certifiers, of their goods.

Our high-tech products protect goods from tampering activities, making apparent any forgery and counterfeiting attempts.

Our company, and its team of graphic designers, printers and engineers are committed to maintaining a high quality product through an ongoing process of research and development.

Certiline designs and builds manual, semiautomatic and automatic equipment, which allows our customers to seal valuable items at their own premises.

With our service Certiline can support its customers, from graphic design to the final product.

The passion and flexibility that has always characterized Certiline allows us to develop, design and test, personalized applications for our clients, providing ideal solutions to your specific needs.

Our markets

In the world market for gold, diamonds, gems and coins, Certiline offers a product that guarantees the origin declared by the certifiers.

In the context of banks, insurance and legal processes, Certiline products allow you to check immediately any attempted tampering of documents, letters, cheques, envelopes, packages, and confidential files.

In the clothing and leather goods markets the use of our products guarantee the declared origin of each single item from the factory through the distribution system.

In the food markets, Certiline products allow traceability and certification of food and its origin, using specially designed non-toxic seals.

Certiline:

- Provides security and anti-counterfeiting systems
- Pays particular attention to graphic and aesthetic packaging needs
- Uses transparent materials with high optical qualities
- Uses stable materials which will not cause oxidation of metals
- Uses recyclable materials

Certiline security systems

Due to their unique security systems, Certiline products allow our customers to guarantee the declared origin of goods, making apparent any forgery and counterfeiting attempts. Certiline responds to the requirements of particular markets, our security systems are developed and applied according to each customer's requirements. Our main product, the *CertiCard*®, security case, allows our customers to guarantee the origin, of their valuable goods, such as ingots, coins, and diamonds.

CertiCard®, consists of two combined elements, the lodging card, which is a high quality transparent plastic shell that contains the packaged item, and the seal card, which is where the security systems reside.

The different *CertiCard*®, systems pertain to varying security needs.

- a system to verify the *CertiCard*® authenticity
- a system to verify the *CertiCard*® integrity
- a systems to show either the attempt or the opening of the *CertiCard*®
- a systems to prevent the reassembly and reuse of the *CertiCard*®



CertiCard® - LODGING CARD



SEALED
CertiCard®

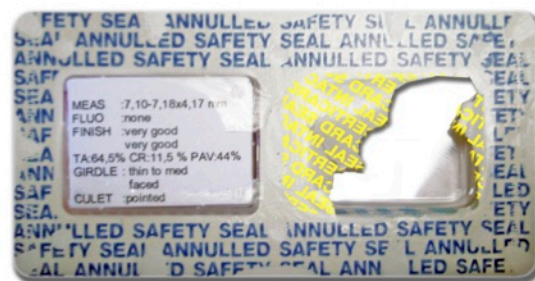
Security film

Our casing has a security film, printed with luminescent graphic patterns invisible in daylight, but detectable under a Wood's lamp. The presence of this graphic pattern when viewed using a Wood's lamp confirms that the product is a genuine **CertiCard®** protective casing and not a normal unprotected blister. Should there be an attempt to tamper with the **CertiCard®**, the appearance of the security film will change. The images below illustrate these changes when viewed in normal daylight and also when viewed using a Wood's lamp. Note that the security film, even without exposure to the Wood's Lamp, visibly changes, its transparent qualities diminish and become more opaque. When the film is examined using a Wood's Lamp the printed graphics are altered.



OPENED
CertiCard®

When the **CertiCard®** casing is opened a security film will be irreparably damaged preventing any fraudulent resealing of the package.



CertiCard® - LODGING CARD INSIDE

Cryptoprint® security system

The *Cryptoprint*® security system, is a special inking between the two elements of *CertiCard*®, which allows greater control of its integrity.

When the *CertiCard*® is opened an invalidation warning will be displayed (SAFETY SEAL ANNULLED) on the internal surface of the lodging card and the seal card. Undetected reuse or reassembly of the package will not be possible.

SEALED *CertiCard*®



CertiCard® - SEAL CARD BACK

OPENED *CertiCard*®



CertiCard® - SEAL CARD BACK

SEALED *CertiCard*®



CertiCard® - SEAL CARD BACK

OPENED *CertiCard*®



CertiCard® - SEAL CARD BACK

Bars security system

The Bars security system, also uses a special seal card inking, which allows a *CertiCard*® integrity check and prevents its re-use, making any fraudulent manipulation even more obvious.

Once the *CertiCard*® has been opened, each single bar will be dislocated and disarranged: it will be impossible to realign them.

Certiline products

CertiCard® security cases are sealed "identity cards", which ensure the origin of its contents, as declared by the certifier, and its integrity: it can match valuable items such as a diamond, or an ingot to its certification or identification data.

Made of durable, highly transparent plastic, it is able to protect its contents against any kind of oxidation.

CertiCard® consists of two combined elements, the lodging card, which has a transparent high optical quality shell, which contains the item, and the seal card.

Removing the glue paper from the seal card and closing the two elements together just with finger pressure, the use of thermo presses will irreversibly seal the case, activating the security systems implemented in the **CertiCard®**.

It is virtually impossible to tamper with the security sealed case and avoid detection.

The security sealed case also provides a blank area where the certifier's or the trader's company logo can be added, and a transparent window where certification text can be inserted, showing data relating to the packaged item such as, denomination, legend, size, weight, etc. etc..

CertiCard® can be fully personalised to specific customer's requirements, our graphic designers can propose a range of visuals for customer evaluation.

The contents of a **CertiCard®** casing cannot be replaced or the casing reused, or its data altered without detection.

Numitheca® has been designed to contain historical coins or legal tender. It is manufactured from a durable plastic, which is biodegradable and highly transparent, and, it is able to protect its contents against any kind of oxidation.

Numitheca® is manufactured by our laboratories in any form using any graphic design which may be requested by our customers, among whom we count Mints and National Banks in Europe and around the world.

To prevent counterfeiting and alteration of cheques, documents, envelopes, packages or confidential files, we developed **CertiClip®**, **CertiMark® Optoelettronic**, **CERTISTOP®**, **SURCHEQUE®**. These products are used by customers such as; businesses, banks, and insurance companies. It is equally appropriate for both private and official use.

This security seal type is meant to stick directly on the object to be protected, the attempt to remove or manipulate the security seal will break it, showing an obvious alteration.

CertiClip® is a security seal, which is attached to an item by a special tape. The seal ensures the brands declared origin and facilitates easy identification of goods during distribution.

Any attempt to separate the seal from the item will highlight an invalidation warning, disrupting the company logo and the security bar beyond any possibility for reassembly.

To protect goods within the food market our laboratory has designed and manufactured the **CertiMark®alimentare**. It has particular function in relation to meat products, and has received the Ministry of Health approval to be used directly on food.

The **CertiMark®alimentare** is a security seal consisting of non-toxic material, printed with special ink suitable for food, bearing the animal identification number and other information such as the particular cut of meat.

The security seal, from the veterinary certificate at the time of slaughter to the sales counter of the butcher, guarantees the origin of the product through the distribution to the consumer's table.

Any attempt to remove **CertiMark®alimentare** will destroy the seal, preventing any reutilization or transfer of the seal to other products.

CertiMark®alimentare may also be used on other products such as hams, sausages, cheeses and fish.

INTL. PATENT & TRADEMARK HOLDER FOR: **CertiCard® CertiMark® CertiStop® CertiClip® Surcheque®**