

CERTILINE SRL

VARESE, ITALY

**MANUFACTURES CERTICARD®
TAMPER-PROOF SECURITY PACKAGING FOR MINTED GOLD BARS**

Certiline Srl supplies security packaging materials and machines to gold bar manufacturers and mints around the world.

Its headquarters and factory are located in Varese in northern Italy, 55 km from Milan and 20 km from Chiasso on the Swiss border.

Varese is close to Lake Varese and the Sacro Monte di Varese, a sacred mountain that is designated a UNESCO World Heritage site. The city has a population of 80,000.

CERTICARD®

The CertiCard® security case is designed to guarantee the origin of the encapsulated product as declared by the product's manufacturer or issuer.

Its key feature is that it is **tamper-proof**.

The security case consists of two combined elements:

Lodging card: contains a transparent plastic shell that holds the product.

Seal card: contains a security film, printed with luminescent graphic patterns invisible to the naked eye but detectable under ultraviolet light.

The security case is tamper-proof because, if anyone should try to remove and replace the product, the security film on the seal card is ruptured, clearly visible under ultraviolet light.

This feature assists dealers to buy back gold bars, packaged in CertiCard®, without the need for assay. It also reassures investors that the bars they are buying are those that were originally packed by the manufacturer.

Bar Manufacturers and Issuers

To enable bar manufacturers and issuers to issue minted bars in CertiCard®, Certiline undertakes the following:

- Creates the shape and graphic design of the security case in consultation with the customer.
- Produces and prints the lodging and seal cards.
- Manufactures thermopresses to combine the lodging and seal cards.

If requested, the company also supplies ultraviolet lamps that reveal the graphic patterns on the seal card.

Sealing Machines

The company offers a range of five machines to accommodate the speed of packaging as required by the bar manufacturer or issuer.



Certiline manufactures tamper-proof security cases for minted gold bars.



The security case is known as a CertiCard®.



The company has its headquarters in Varese, an attractive city in northern Italy near the Swiss border.



Machine	Number of CertiCard® Security Cases	
	Sealed at One Time	Sealed per Hour
TP1 – Manual Thermopress	1	50
TP2 – Semi-Automatic Thermopress	2	250
TP3 – Semi-Automatic Thermopress	8	800
APS – Multi-Format Industrial Packaging System	Many	1,000
APL – Full Automatic Packaging Line	Many	2,000

Source: Certiline Srl

Transportation

To protect the surfaces of the security case during transportation, strips of biodegradable PET (polyethylene terephthalate) are applied. The strips can be peeled off easily, when required.

BACKGROUND

Certiline Srl was established as a private company in Varese in 1996.

Its experience, however, dates back to 1989 when its owners opened and operated a packaging company in Switzerland until the establishment of Certiline Srl.

The company has expanded its range of packaging materials and machines to cover many other product categories, in addition to precious metal bars: coins, diamonds and coloured stones, pearls, jewellery, stamps, clothing and food.

It also manufactures identification and closure seals for documents, certificates, correspondence and parcels.

Although CertiCard® security cases have been available since 1996, they were first used for gold bars in 1997.

The company services approximately 80 customers in 20 countries.

The manufacturing team includes graphic designers, printers and engineers.

Number of employees: 15

Website: www.certiline.com



Illustrating the invisible graphic pattern on the seal card, when the security case is sealed.



If the security case is opened, the graphic pattern is revealed as ruptured under ultraviolet light.



Certiline also produces CertiCard® security cases for diamonds and coloured stones, jewellery, pearls, coins, stamps and other products.



The company has produced CertiCard® security cases for gold bar manufacturers and mints since 1997.

Its Research & Development of New Technologies Department regularly reviews and upgrades the tamper-proof technology.



THERMOPRESSES



Certiline offers a range of five thermopresses to accommodate the requirements of bar manufacturers and other customers.



Refer to disclaimer on website: www.goldbarsworldwide.com

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