



Anti-counter feiting
Printing

Guangzhou Qingsong Digital Technology Co.,Ltd



About QS Defender

Provider in Authentication & Anti Counterfeit-ing Solutions

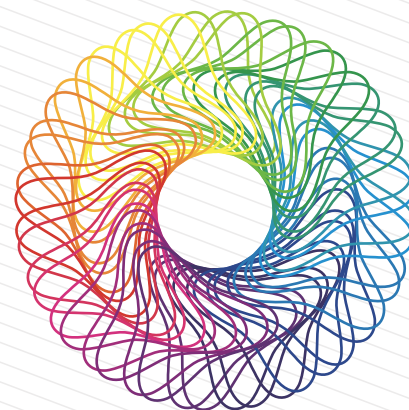
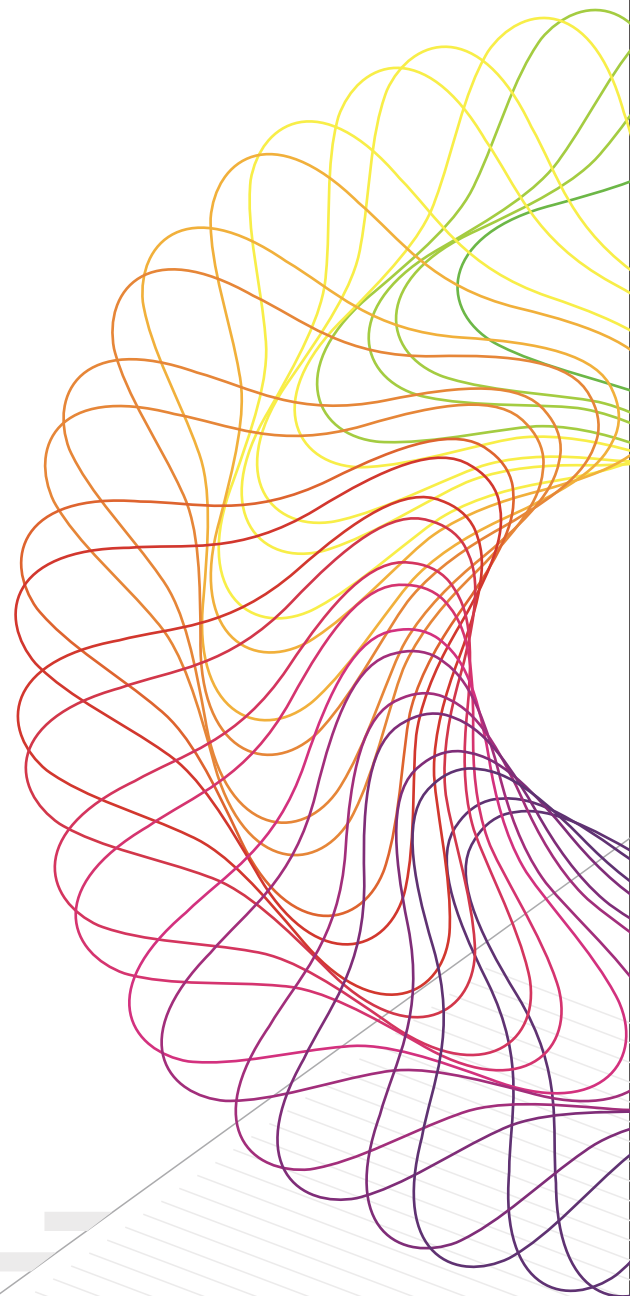
Since its establishment in 2007, it has been committed to providing advanced digital solu-tions by combining defender systems with packaging and printing products.

As an industry pioneer, we are the first to integrate traceability and security query systems to give products a unique identity, ensure full traceability, and strengthen product safety and brand reputation.

QS Defender

is a high-tech enterprise recognized by Guang dong Province. Which has obtained ISO9001 quality system certification, registered a trade_ mark of "one product, one code", and won the title of "China Quality Integrity Enterprise". we has a number of anti-counterfeiting technology patents and software development copyrights issued by the state. The company's products have been widely used in various industries with excellent results, won the praise of industry insiders and customers, and are also the "brand" in customers' minds.

The products and solutions provided by Guang zhou Qingsong Digital Technology Co.,Ltd include anti-counterfeiting stickers, anti-coun- terfeiting labels, traceability stickers, anti-coun- terfeiting tickets, anti-counterfeiting vouchers, anti-counterfeiting cards, anti-counterfeiting manuals, anti-counterfeiting hangtag anti-coun- terfeiting certificates, QR code anti-counterfeit ing, bottle stickers, anti-counterfeiting bottle_ stickers, anti-counterfeiting packaging boxes, traceability packaging boxes, one product one code, anti-counterfeiting scratch off cards, anti-counterfeiting systems, traceability systems, red envelope systems, automatic labeling, online code assignment, etc.



Company official website :
<https://qs12315.en.alibaba.com>
<https://qsdefender.com>

Our company's certificate

ISO 9001



Certificate of Quality Management System

(Certificate number: 813240034R05)
In witness whereof

Guangzhou Qingsong Printing Co., LTD

Unified Social Credit Code: 91440101MA59L6RA96
Registered address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou
Business address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou

Management System in line: GB/T19001-2016 idt ISO9001:2015
Certification Coverage:

The scope of license including th packaging printing products, other printing products

Date of first issue: 2024-01-12
Date of issue: 2024-01-12
Effective date: 2027-01-11

Supervise the labeling department	Supervise the labeling department	Supervise the labeling department
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This certificate is valid only if it is subject to a regular supervision audit from every year with a regularly qualified label signed.


This certificate is issued by the Kehui Certification Center. The certified organization shall carry out supervision and review in accordance with regulations and replace the certification certificate during the validity period of the certificate. The certificate information can be found on the website of the National Certification and Accreditation Administration (www.cnca.gov.cn)






Kehui Certification (Jiangsu) Co., Ltd.
Telephone: 0517-82316683 Website: www.kehuiqr.com
No.9-7, Lianshimen, Liansheng Street, Lianshui County, Huaian City, Jiangsu Province

ISO 45001



Occupational Health and Safety Management System Certification

(Certificate number: 8132450021R05)
In witness whereof

Guangzhou Qingsong Printing Co., LTD

Unified Social Credit Code: 91440101MA59L6RA96
Registered address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou
Business address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou

Management System in line: GB/T45001-2020 idt ISO45001:2018
Certification Coverage:





The scope of license including th packaging printing products, other printing products, which involve occupational health and safety management activities

Date of first issue: 2024-01-12
Date of issue: 2024-01-12
Effective date: 2027-01-11

Supervise the labeling department	Supervise the labeling department	Supervise the labeling department
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Telephone: 0517-82316683 Website: www.kehuiqr.com
No.9-7, Lianshimen, Liansheng Street, Lianshui County, Huaian City, Jiangsu Province

ISO 14001



Environmental Management System Certification

(Certificate number: 81324E0023R05)
In witness whereof

Guangzhou Qingsong Printing Co., LTD

Unified Social Credit Code: 91440101MA59L6RA96
Registered address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou
Business address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou

Management System in line: GB/T24001-2016 idt ISO14001:2015
Certification Coverage:

The scope of license including th packaging printing products, other printing products, which involve the environmental management activities

Date of first issue: 2024-01-12
Date of issue: 2024-01-12
Effective date: 2027-01-11

Supervise the labeling department	Supervise the labeling department	Supervise the labeling department
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No.9-7, Lianshimen, Liansheng Street, Lianshui County, Huaian City, Jiangsu Province



Test Report

No. SZXEC Date: 29 Jul 2022 Page 1 of 6

Client Name: GUANGZHOU QINGSONG DIGITAL TECHNOLOGY CO.,LTD
Client Address: UNIT 103A1, HUATIAN SHIDAI, NO. 136, GAOPU ROAD, HIGH-TECH DEVELOPMENT ZONE, TIANHE, GUANGZHOU, CHINA

Sample Name: Environmental friendly laser coating scraping hot stamping film
The above sample(s) and information were provided by the client.


SGS Job No.: RP22-019685 - SZ
Date of Sample Received: 26 Jul 2022
Testing Period: 26 Jul 2022 - 29 Jul 2022
Test Requested: Selected test(s) as requested by the client.
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).

Result Summary:


Test Requested	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch


Mesral
Mesral_Ye
Approved Signatory



Member of the SGS Group (SIS SA)



FSC® Product Schedule



This schedule details the products which are included in the scope of the Company's certification. It shall accompany the FSC certificate. If the product scope changes a new schedule will be issued. Certificate scope including products and certified sites may also be checked on the FSC database <http://info.fsc.org/>

Description of Certificate Holder
Name: Guangzhou Qingsong Digital Technology Co., LTD
Address: 4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou City, Guangdong Province, 511340, China
Codes: SA-COC-014131

Type of Certificate: Single
Date of Issue: 06/07/2023 Date of Expiry: 05/07/2028

The Company has complied with the following standards: FSC-STD-40-004 V3-1, FSC-STD-50-001 V2-1

Product Groups available from this Certificate Holder include:

FSC Status	Control System	Product Type	Product code	Species
FSC Mix; FSC Recycled	Transfer system	Cardboard packaging	P5.1	Not specified
FSC Mix; FSC Recycled	Transfer system	Corrugated paper packaging	P5.2	Not specified
FSC Mix; FSC Recycled	Transfer system	Sacks and bags of paper	P5.3	Not specified
FSC Mix; FSC Recycled	Transfer system	Hang Tag	P8	Not specified
FSC Mix; FSC Recycled	Transfer system	Books	P8.1	Not specified
FSC Mix; FSC Recycled	Transfer system	Advertising materials	P8.4	Not specified
FSC Mix; FSC Recycled	Transfer system	Other pulp and paper products	P10	Not specified

Date of issue/re-issue: 06/07/2023

Soil Association Certification Ltd
Telephone: +44 (0) 117 314 2428
Email: forestry@soilassociation.org or www.soilassociation.org/forestry
Soil Association Certification Ltd - Company Registration No. 729933
A wholly owned subsidiary of the Soil Association Charity No. 20886
FSC License Code: FSC® C0C02529



Certificate of Registration



This is to certify that

Guangzhou Qingsong Digital Technology Co., LTD
广州倾松数码科技有限公司

"the certified site" has been certified in accordance with the requirements of the Forest Stewardship Council® A.C. using the FSC® Chain of Custody standards* and that Guangzhou Xinhe Packaging Products Co., Ltd. of

4th Floor, Building B, No.5, No.10 Road, Pacific Industrial Zone, Xintang Town, Zengcheng District, Guangzhou City, Guangdong Province, 511340, CHINA

is hereby licensed to use the FSC Logo on and sell as FSC certified all products listed on the attached FSC product schedule as FSC Mix; FSC Recycled.

Certificate Registration Code: SA-COC-014131
Issue Number: 1.0
Licence Code: FSC-C190720
Issued By: Soil Association Certification Limited
Spear House, 51 Victoria Street, Bristol, BS1 6AD United Kingdom
Issue Date: 06 July 2023

Valid until the Renewal Date: 05 July 2028
Subject to successful annual surveillance

Signed on behalf of Soil Association Certification
Meriel Robson
Meriel Robson, Director of Forestry

*This certificate is only valid for use on FSC products when accompanied by a current product schedule. Validity of this certificate shall also be verified by checking the FSC database <http://info.fsc.org/> or by contacting Soil Association Certification (forestry@soilassociation.org). This certificate is the property of Soil Association Certification Ltd and all reports or reproductions of this certificate will be deemed or returned to the Soil Association Certification Ltd immediately, on request. A description of the products, sites or services that are included in the scope of this certificate may be obtained from Soil Association Certification on request. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified (or FSC Controlled Wood). Products which, shipped or used by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claims clearly stated on invoices and shipping documents.

Our company's development history

2007

The company founded.

2011

2010

Developed "mobile laser digital technology" and obtained multiple software copyrights.

2012

The Hong Kong company was formally established, the foreign trade department was established, entered the international market.

2015

Won the title of Vice President of Guangdong Provincial Famous Enterprises Anti-Counterfeiting Association.

2008

Won the membership of China Anti-Counterfeiting Industry Association.

The factory was established and successfully developed printing texture technology. Chengdu, Beijing, and Changsha offices were established and participated in overseas exhibitions.

2013

Won the evaluation certificate of China Anti-Counterfeiting Association. Successfully developed new anti-counterfeiting packaging products, and set up an independent production line to develop and apply ultra-fine ion technology.

Obtained the trademark registration of one item one code. Won the title of "Guangzhou and Technology Innovation Giant Enterprise". Develop two new anti-counterfeiting technologies.

2016

2017

Obtained high-tech enterprise certification.

2019

Breaking through the bottleneck of traditional scratch-off silver coating, the new technology of environmentally friendly laser scratch-off coating stands out.

2023

Products cover anti-counterfeiting labels, anti-counterfeiting tickets, anti-counterfeiting cards, anti-counterfeiting tags, anti-counterfeiting scratch cards, anti-counterfeiting packaging, and software customization.

2024

Obtained the trademark registration of one item one code. Won the title of "Guangzhou Science and Technology Innovation Little Giant Enterprise". Develop two new anti-counterfeiting technologies.

2018

Won ISO9001, ISO14001 and OHSMS18001 multiple quality system and management system certifications.

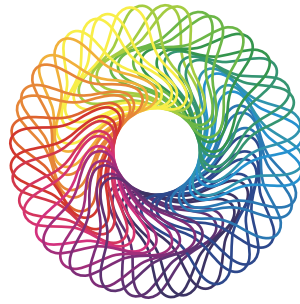
2020

The factory won the Excellence Award at the Packaging Printing Grand Prix.

Research and develop innovative anti-counterfeiting functions to meet the needs of different enterprises. From material development to technology research and development, we provide customers with a series of complete anti-counterfeiting traceability such as customized factory lines, logos, intelligent packaging, and online coding.



CONTENTS

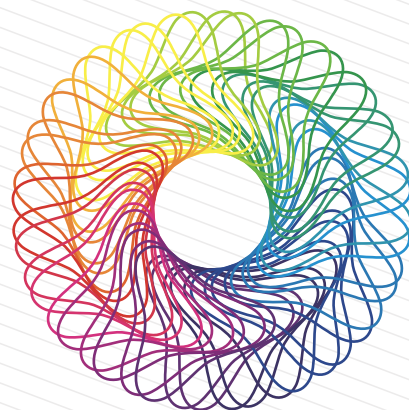
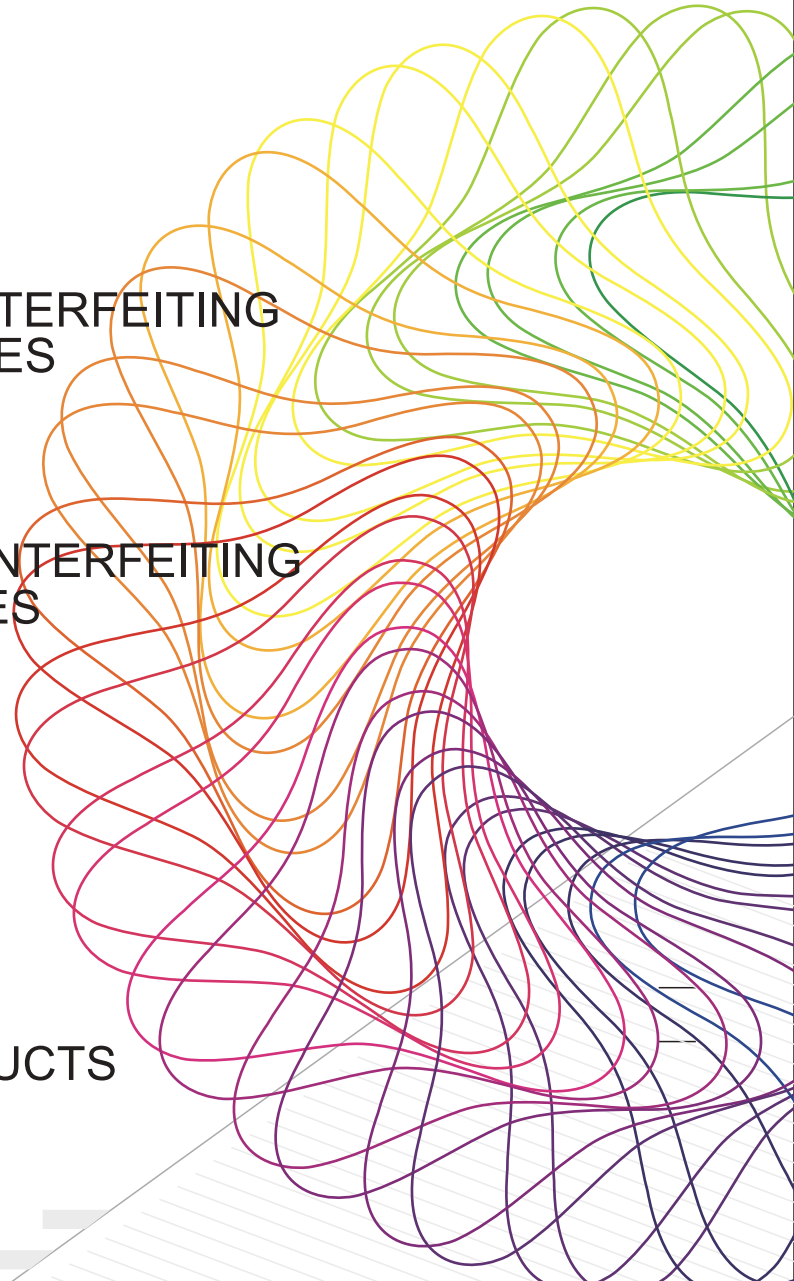


1 DIGITAL ANTI-COUNTERFEITING
TECHNOLOGY SERIES

2 PHYSICAL ANTI-COUNTERFEITING
TECHNOLOGY SERIES

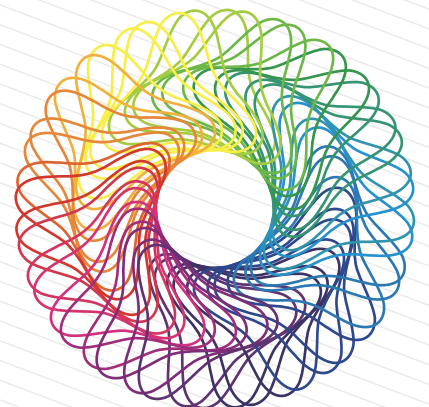
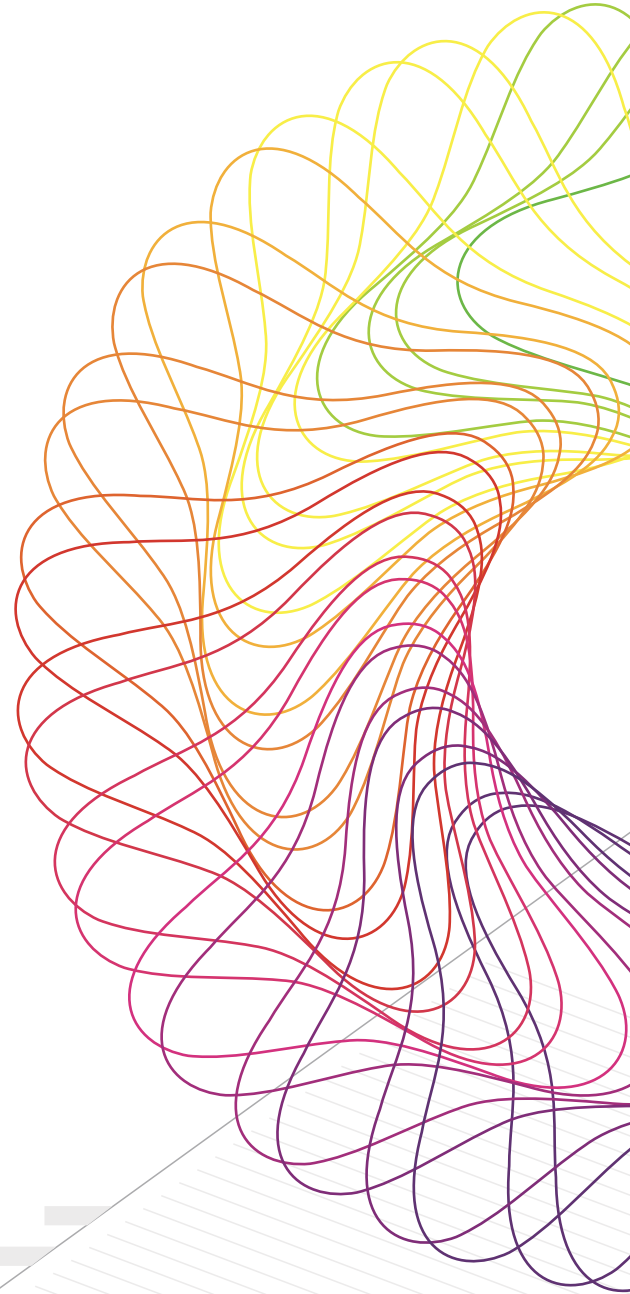
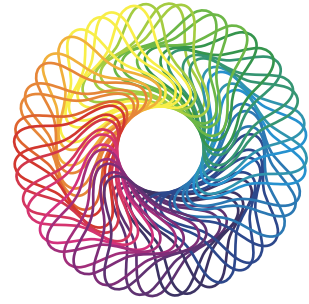
3 IDENTIFICATION
MATERIAL SERIES

4 READY MADE PRODUCTS
CATEGORIES



1

DIGITAL
ANTI-COUNTERFEITING
TECHNOLOGY SERIES



Black digits and qr codes /

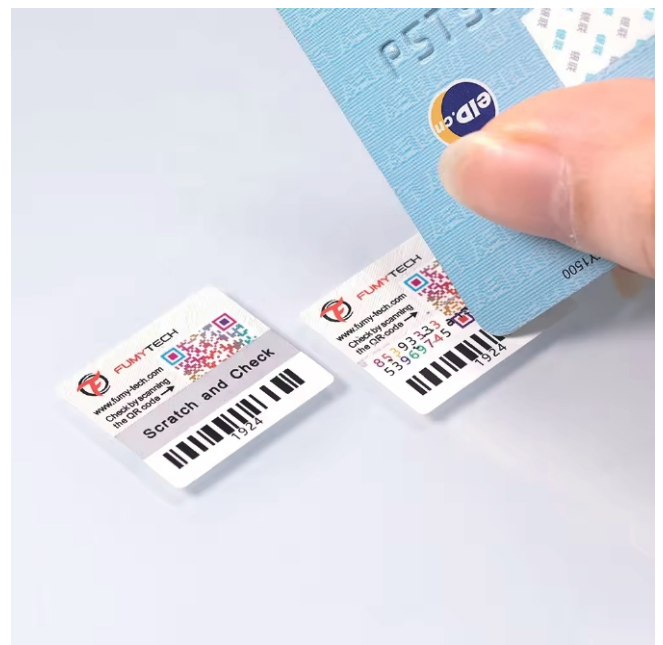


Technical principle

Generate a unique security code for each product.

Product features

Consumers can check the authenticity of digital labels by phone, SMS and Internet, but the anti-counterfeiting code is easy to be forged due to its single color.



Dynamic Color Code Color Resignation Anti-Counterfeiting technology

Patent No : 201120378376.8



Technical principle

The unique color anti-counterfeiting code is generated for each product through the company's exclusive technical information coding/decoding. The color can be set at will and printed on our label with special software and recorded in the orientation database.

Product features

1. Multiple anti-counterfeiting and reliable performance. Its anti-counterfeiting information includes both anti-counterfeiting code digital information, anti-counterfeiting code color information, and material characteristics information, realizing triple anti-counterfeiting.
2. The identification is simple and intuitive. After the system query, the voice will automatically prompt the anti-counterfeiting code and color information comparison of the product.



Digital Stripes Anti-counterfeiting technology

Patent No : 201020646885.X



Technical principle

The combination of multiple anti-counterfeiting passwords and random stripes generated by a special algorithm enables each tag to have a unique anti-counterfeiting password and a unique random stripe. The color, shape and position of stripes are random, and the texture generation is irregular.

Product features

Product features Three random stripes are randomly generated: color, shape and distribution. The combination of random password and texture pattern has up to four anti-counterfeiting dimensions of password and texture color, shape and location, and the anti-counterfeiting intensity is high.



Beautify traceable qr code anti counterfeiting technology



Technical principle

The unique drawing program and change program are used to skillfully combine the aesthetic elements of the design with the anti-counterfeiting tracing logic to form a beautified two-dimensional code with unique and beautiful appearance and logic tracing function, so that the two-dimensional code itself has more anti-counterfeiting functions

Product features

- 1.Unique visual effect,
- 2.Logical color change, fast and accurate query and tracing.
- 3.Allow personalized creativity



Integrated QR code anti counterfeiting technology



Technical principle

On the basis of the traditional two-dimensional code, we innovate again, apply aesthetic design and programming technology, and combine the two-dimensional code batch generation technology to better integrate the two-dimensional code into the background after massive testing and optimization. The color of the barcode changes randomly, and the visual effect is unique and beautiful, which can also ensure the high success rate of scanning the code.

Product features

1. Customized, optimized for different backgrounds, beautiful and distinctive.
2. Easy to identify, with obvious visual recognition features, greatly improving the anti-counterfeiting performance.





Technical principle

Cluster Flowers guilloche pattern is very classic and reliable public anti fake elements. From the beginning, it has been widely used in the field of banknote securities and has always been an indispensable means of public security. This technology relies on a series of innovative means and unique methods, combined with today's printing technology and equipment, so that the cluster Flowers guilloche pattern can change randomly, and can be traced through the query platform to identify the authenticity of goods or tickets and other printed materials. It solves the problem that Cluster Flowers guilloche pattern anti-counterfeiting technology cannot change and trace randomly in large quantities all the time, and while retaining the original anti-counterfeiting function, its application is extended to the field of variable data.

Product features

1. Patented technology, excellent anti-counterfeiting effect.
2. Visual anti-counterfeiting plus query and tracing function, with comprehensive anti-counterfeiting capability.
3. The visual effect is more unique and beautiful.
4. Good adaptability, easy to combine with other anti-counterfeiting technologies, and in line with the application of most materials.



Traceable digital map anti-counterfeiting technology



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The special encryption logic program is used to control the generation of the entire image, so as to achieve the purpose of random and unique images, strong characteristics and traceability. Digital images can also be generated according to the customer's LOGO modeling. The color details and attitude of Wangan have strong visual impact and excellent public anti-counterfeiting effect.

Product features

1. Unique and beautiful visual effect.
2. Unique traceable image query.
3. Customized LOGO shape, unique personality



RFID electronic label /



Anti-counter feiting
Printing

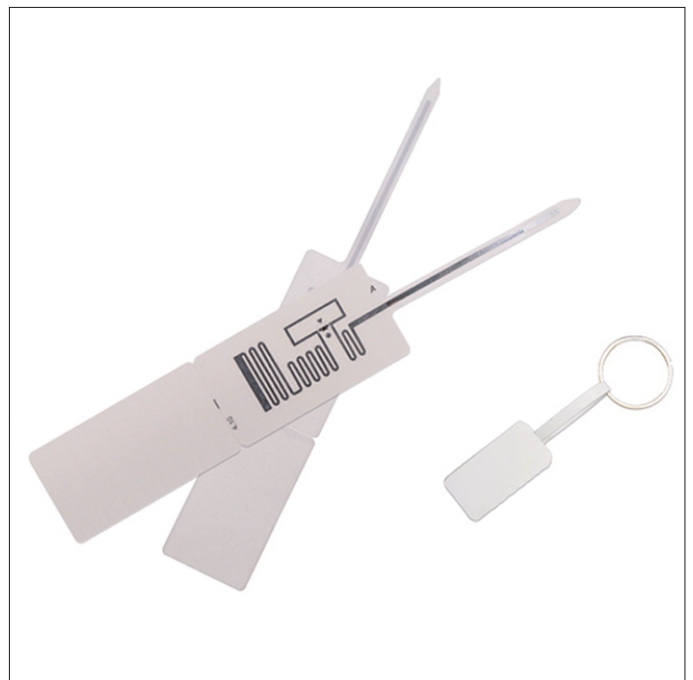
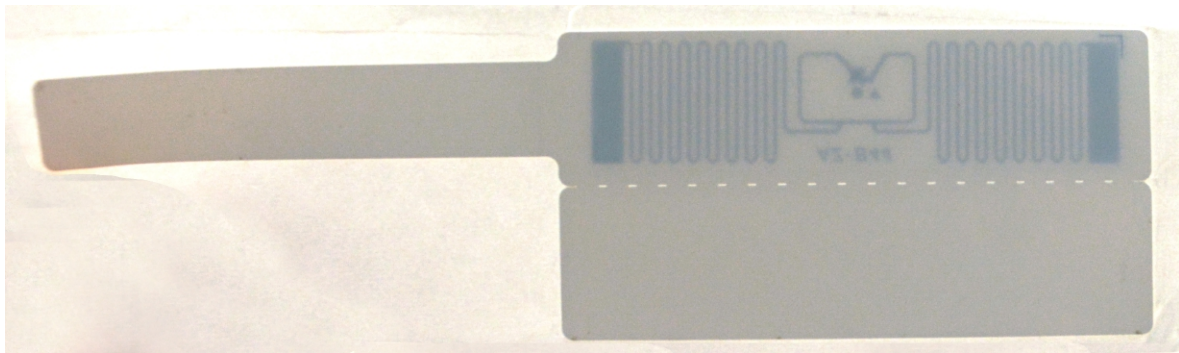
Digital plat form solution

Technical principle

RFID is a simple wireless system with only two basic components. The system is used to control, detect and track objects. The system consists of an interrogator (or reader) and many balises (or stickers). RFID is a non-contact automatic identification technology. It automatically identifies target objects and obtains relevant data through new RF signals. The identification work does not require manual intervention and can work in various harsh environments. RFID technology can identify high-speed moving objects and multiple stickers at the same time, which is fast and convenient to operate.

Product features

1. Quick scan.
2. Miniaturization of volume and diversification of shape.
3. Anti pollution ability and durability.
4. Reusable.
5. Penetrating and barrier free reading.
6. Large data memory capacity
7. High security.



Variable metal code /



Anti-counterfeiting Printing

Digital plat form solution

Technical principle

- 1.Can customize special pattern.
- 2.The production cost of positioning hot stamping is high and it is not easy to copy.
- 3.It can be used for paper labels, tickets, cards, certificates, packaging boxes, etc.
- 4.The holographic combination of paper, making the product technology more colorful.

Product features

The variable metal code is a new anti-counterfeiting technology developed by Qingsong anti counterfeiting. Its main principle is that the variable information transfer printing process, which overcomes many processes that cannot be realized by traditional transfer printing, and meets the requirements of efficient and stable manufacturing. The variable metal code technology can produce character passwords, QR codes, patterns, etc on printing brush materials. Different materials can be replaced or colorful metallization can be achieved by combining the printing process. The visual effect of special luster.



NFC sticker /



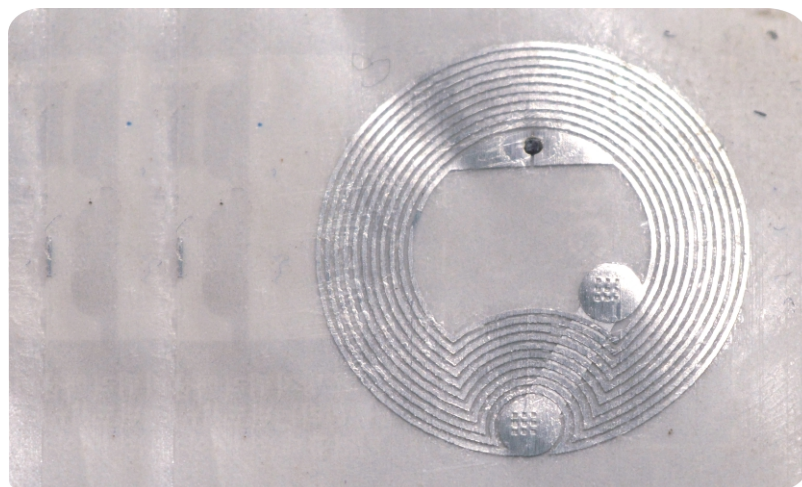
QSDDEFENDER Anti-counter feiting Printing
Digital plat form solution

Technical principle

NFC technology is a short-range, high-frequency wireless communication technology that allows electronic devices to communicate and exchange data contactlessly within a few centimeters. It is widely used in mobile payment, electronic ticketing, access control, mobile identity recognition, anti-counterfeiting and other fields. For example, users can quickly complete operations such as recharging transportation cards, unlocking doors with mobile phones, or making mobile payments through NFC technology.

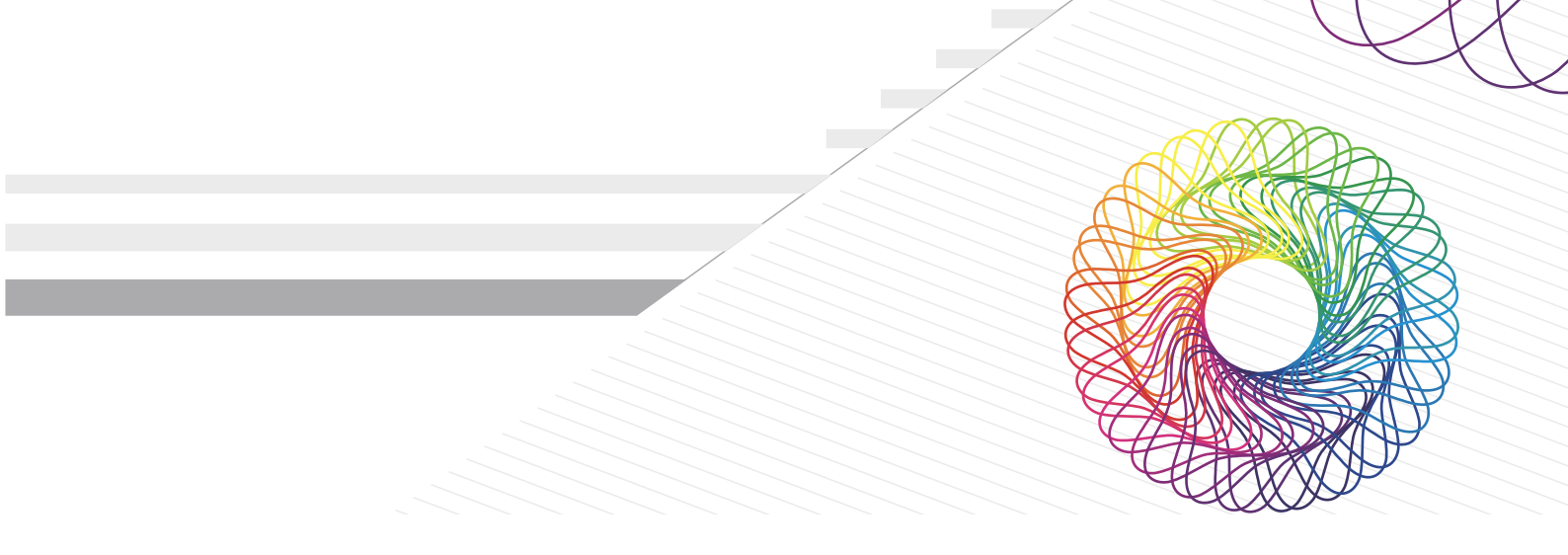
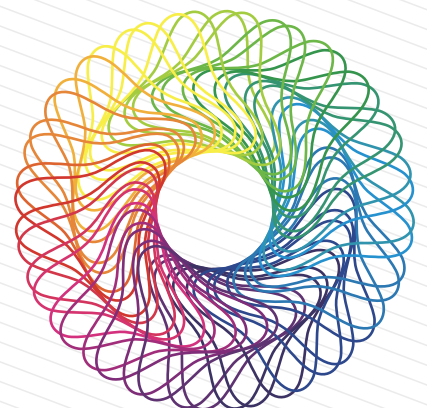
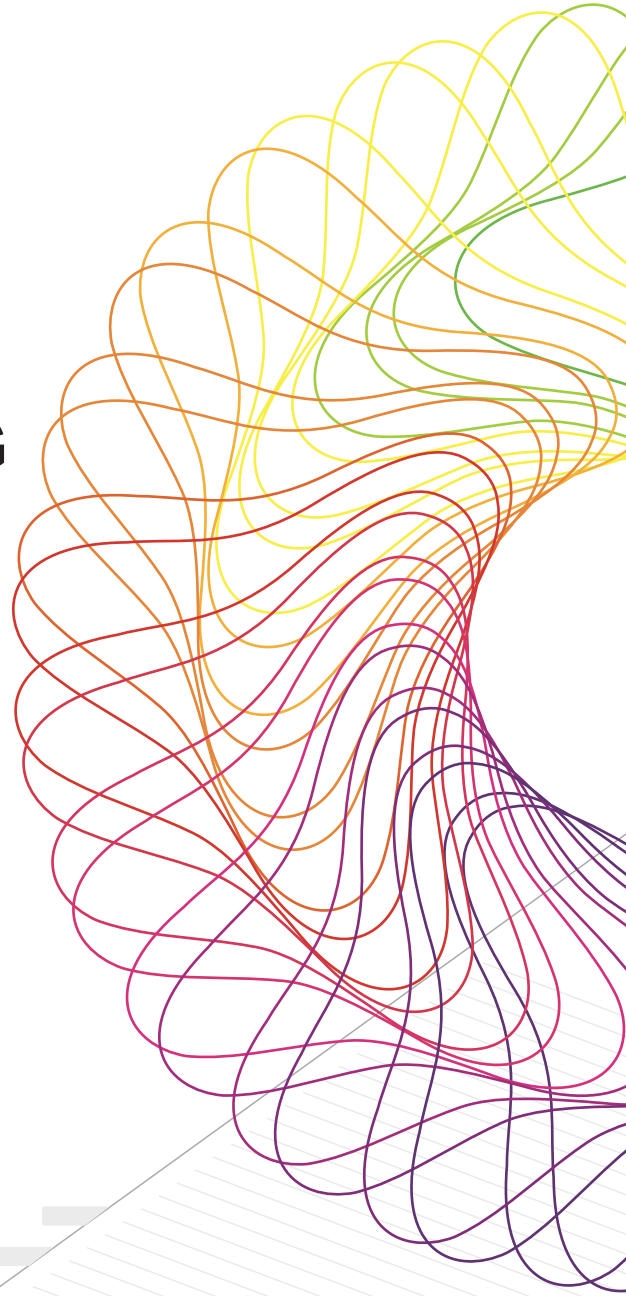
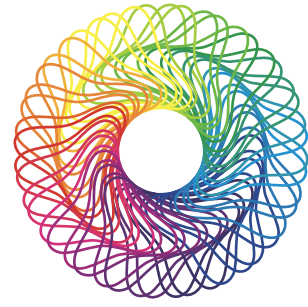
Product features

1. Quick scan.
2. Miniaturization of volume and diversification of shape.
3. Anti pollution ability and durability.
4. Reusable.
5. Penetrating and barrier free reading.
6. Large data memory capacity
7. High security.



2

PHYSICAL
ANT-COUNTERFEITING
TECHNOLOGY SERIES



Dripping water physical anti-counterfeiting technology



Anti-counterfeiting Printing

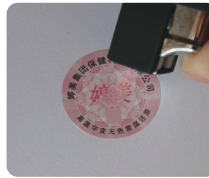
Digital plat form solution

Technical principle

It is realized by adding special printing ink and special plate making process. At the same time, words or patterns are hidden and invisible to the naked eye. Only water drops can be used to interact with the ink to achieve the effect that water drops disappear.



Temperature change physical anti-counterfeiting technology



Anti-counter feiting Printing

Digital plat form solution

Product features

1. Irreversible type: color development and color change. Irreversible color rendering, colorless in appearance, and the color will not return to colorless after being heated and cooled down; The original color of the color changing irreversible ink changes from one color to another after being heated, and the color no longer returns to the original color after cooling.
2. Reversible type: there are three types of reversible type: color development, Color disappears and discoloration. The color development is reversible to colorless appearance, showing color after heating, and recovering to colorless when the color disappears after cooling; Achromatic reversibly means that the original color disappears after being heated, and the original color can be restored after cooling; The color change reversible type is that the original color changes to another color after being heated, and the original color can be restored after cooling

Technical principle

It is made by means of temperature changing ink and can change its color rapidly with the change of temperature, so that the colored object has a dynamic color effect. Display specific color or colorless at normal temperature, and change color according to temperature changes



Red fluorescent anti fake ink/



Anti-counter feiting
Printing

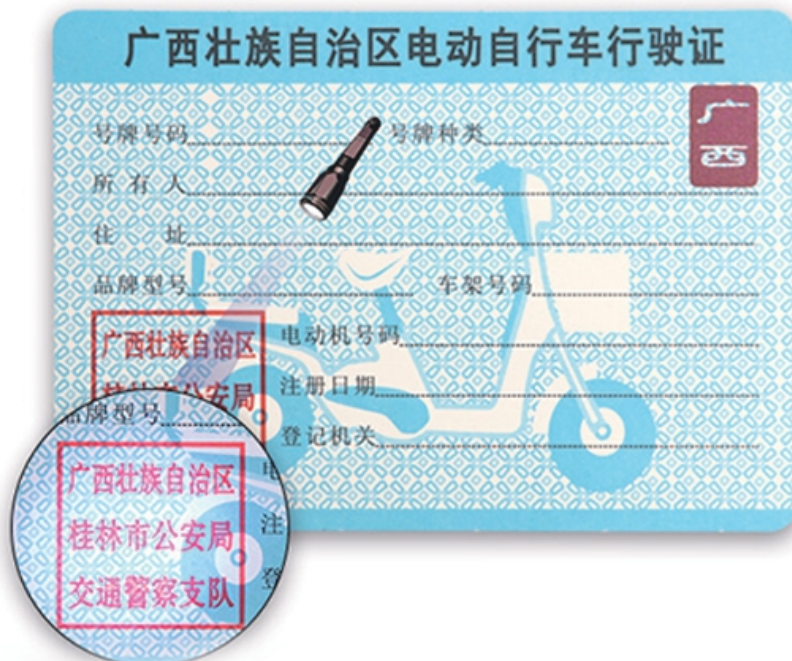
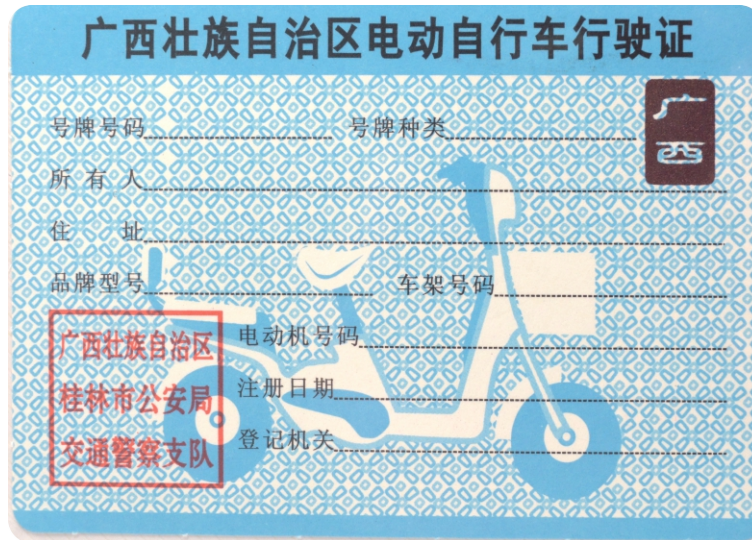
Digital plat form solution

Technical principle

The infrared excitation ink has a colorless appearance. It emits visible light after being excited by 980nm infrared light. The appearance can be modulated into any color of infra-red colored excitation ink.

Product features

It has good invisible effect, high luminous brightness, good weather resistance and abrasion resistance.



Color change anti-counterfeiting technology

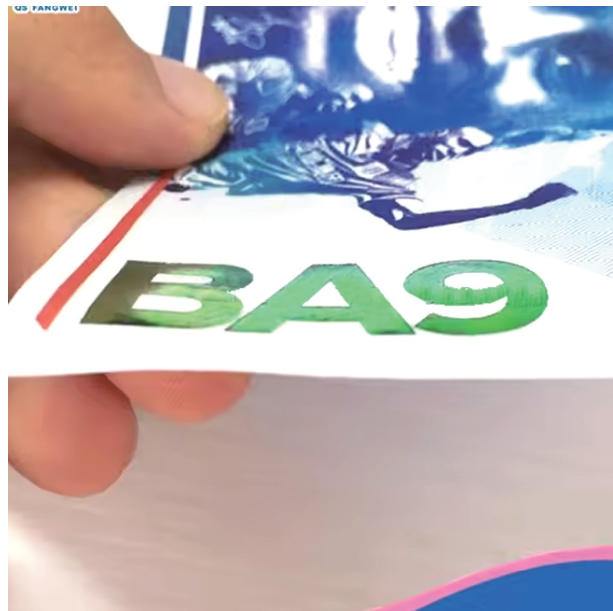


Anti-counterfeiting
Printing

Digital platform solution

Technical principle

Photochromic ink is also called optical chameleon ink and chameleon. The printed matter color block presents a pair of colors, such as red green, green blue, gold silver, etc. When looking at the front or side in white light, with the change of the visual angle of the human eye, it presents two different colors. The light variability is strong, the color difference changes greatly, and the features are obvious. It can be recognized without any instruments and equipment. Its color angle effect cannot be copied with any high-definition scanner, color copier, and other equipment. The printing features cannot be copied with any other ink and printing methods, and the anti-counterfeiting reliability is extremely strong. Therefore, it has been designated by many countries in the world to prevent counterfeiting of currencies and securities that are the most demanding and difficult, and some famous domestic manufacturers have also used it for packaging.



Whole film color change anti-counterfeiting technology



OSDEFENDER Anti-counter feiting Printing
Digital plat form solution

Technical principle

The whole film color change is a new type of optical film anti-counterfeiting technology. By making full use of the cutting-edge electronic coating technology and transfer printing technology, it can be applied to most materials by hot ironing and cold ironing. The light variable effect is mirror like, and the change of complementary colors can be observed at the deflection angle. Because of its high production technology requirements and bright optical effect, it is not only convenient and reliable for visual recognition, but also has the function of anti copy and re shooting, which is very suitable for high-end anti-counterfeiting needs.

Product features

- 1. The technical threshold is high and it is difficult to copy and counterfeit.
- 2. Visual anti-counterfeiting, simple and reliable identification.
- 3. The effect of anti copy and re shooting is good, and it is suitable for the anti-counterfeiting application of certificate types.



Ultramicro ion invisible anti-counterfeiting technology



Anti-counterfeiting Printing

Digital platform solution

Technical principle

It is composed of six anti-counterfeiting technologies, including information code anti-counterfeiting design, micro invisible plate making, special ink printing graphics digital conversion, automatic information query, and multimedia information output. These six technologies constitute a high-tech anti-counterfeiting system for information query and automatic identification, which makes it impossible for forgers to solve the mystery and copy relevant information. Only using the voice reading pen matched with the system can correctly interpret the encrypted information to achieve the purpose of anti-counterfeiting.

Product features

1. It is difficult to forge, easy to combine product packaging, easy to identify and other characteristics.
2. High fidelity sound quality and large capacity storage.
3. The printing carrier can be Self-adhesive paper, coated paper, printable PE, PVC and other materials.



Intaglio anti counter- feiting technology /



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The process technology of printing with a printing plate with the graphic part lower than the blank part. The printing plate is mostly made of copper plate or steel plate. Engraving gravure printing is to carve concave images and texts on the metal plate plane, then make the gravure and ink print on the gravure. It is a very old and effective anti-counterfeiting technology. The saying "no coin without a concave" is widely spread in the world of banknote printing.

Product features

1. The ink is thick and plump, with a strong stereoscopic sense.
2. The color printed is obviously different from that printed by lithography, with a stronger and thicker color sense.
3. The concave convex feeling is strong when touching, and the ink seems to float on the paper.



Invisible fluorescent ink anti-counterfeiting technology



Anti-counterfeiting Printing

Digital plat form solution

Technical principle

It is an inorganic luminescent material made of rare earth as the main raw material. Under the excitation of ultraviolet light with a wavelength of 365nm, it can emit red, purple, yellow green, blue, green, yellow, white, blue green, orange and other colors with high brightness.

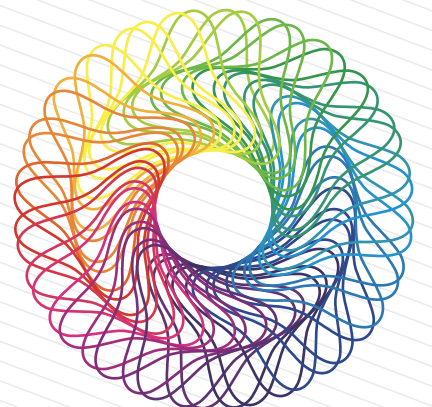
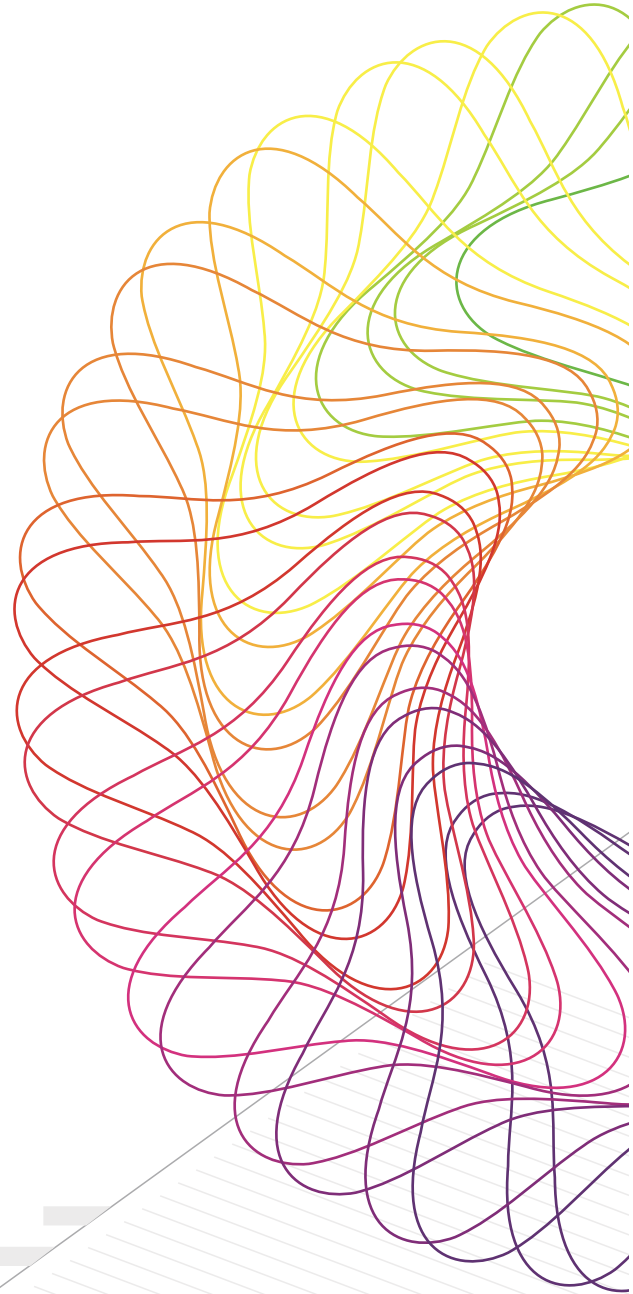
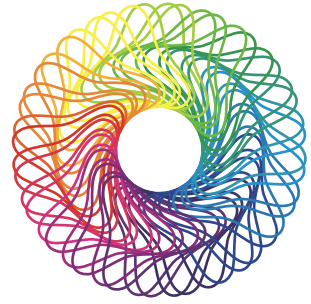
Product features

The unique fluorescent ink is integrated into the logo, so that the human eye and touch can not find the location of the water flow code, text or pattern, and the fluorescent lamp, that is, the ultraviolet lamp, must be used to directly see. The invisible fluorescent water flow code is usually used in the company to prevent goods from fleeing.



3

IDENTIFICATION
MATERIAL SERIES



Eco-friendly holographic film/



Technical principle

It is made of computer dot matrix lithography technology, 3D true color holography technology, cat's eye technology, relief technology, color grating multiple and dynamic imaging technology, etc.

Product features

1. Odorless, environment-friendly, abrasion resistant, scratch resistant, good visual effect, with anti-counterfeiting function.
2. Special holographic film can be customized according to customer requirements.



Coated paper sticker; disposable
double layer coated paper sticker



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

Most of the high strength white board paper as the base paper, coated with self-adhesive paper and become self-adhesive paper.

Product features

1. Used for printing trademarks and labels.
2. It can also be made into a double-layer and one-time use sticker.



Metallic hologram sticker, disposable
double layer metallic hologram sticker



Technical principle

The laser effect is applied to the film, compounded with the base paper, and then the film is torn off, so that the aluminum layer is transferred to the paper. The laser label can not only prevent moisture and odor diffusion, but also increase the beauty of the package.

Product features

1. Used for printing trademarks and labels.
2. It has a single-layer plain laser effect, and can also be made into a double-layer plain laser, which can be made into a double-layer and one-time use sticker.



Hologram sticker



Anti-counter feiting
Printing

Digital plat form solution

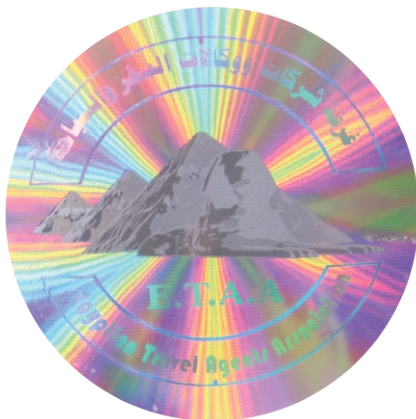
Technical principle

Holographic anti-counterfeiting is completed by using laser color hologram plate making technology and molding technology, including laser holographic image anti-counterfeiting, encrypted laser holographic image anti-counterfeiting and laser lithography anti-counterfeiting technology. The colors are gold, silver, red, blue, green, etc.



Product features

1. 3D stereoscopic color effect
2. Non-destroyed, tamper VOID, one time used effect, tamper honeycomb.
3. Scsecurity QR code, barcode, serial numbers, scratch off coating



Plastic film tamper proof material



Technical principle

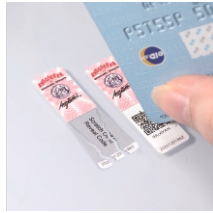
The film is made of PVC, polyethylene, polypropylene, polystyrene and other resins.

Product features

- 1. With good anti-transfer effect.
- 2. Can make tamper evident and scratch off coating effect.
- 3. With waterproof and moisture-proof.



Destructive eggshell paper /



Anti-counterfeiting Printing

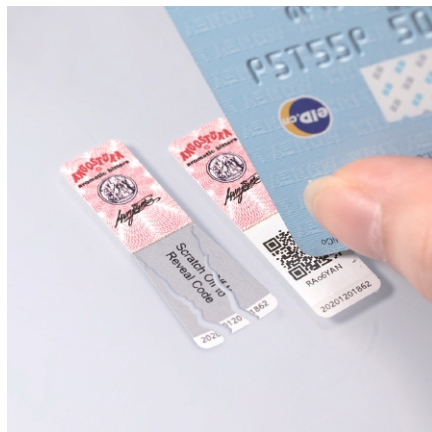
Digital plat form solution

Technical principle

The breaking strength of the fabric is far lower than the adhesive bonding ability, and it can not be completely peeled off after pasting and can not be reused. The tensile strength is very low, it is very easy to be broken, has shrinkage, and has certain requirements for temperature, humidity and storage period.

Product features

They are widely used in the quality assurance of high-end products such as mobile phones, phones, computer accessories, automotive appliances, alcohol drugs, food, cosmetics, performance tickets, etc. It can also be used in the anti-theft and tamper proof of products in shopping malls. The characteristics of the guaranteed products are high price, large warranty responsibility, and high requirements for the accuracy of warranty date. The use of this anti-counterfeit material can effectively avoid various losses and disputes.



Layer destructive paper/ New destructive paper



Technical principle

The technical principle combines the dual characteristics of tensile elongation of synthetic paper and breakable paper. When the paper is stuck on the substrate and then peel off, the material will split in layers and cannot be recovered.



The appearance effect Peel off effect Fully peel off effect Can not be restored after destruction

Product features

1. With good anti-transfer effect.
2. With good stickness.
3. Can be used for sealing.





Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The security thread anti-counterfeit paper is made of wood pulp, using high-tech anti-counterfeit technology and anti-counterfeit means. It is designed by computer to make plates. In the paper making process, the anti-counterfeit thread with text information is half buried in the paper, and a section of exposed paper is buried in the paper. The line spacing can be distributed according to customer requirements.

Product features

1. High anti-counterfeiting performance, cutting off the path of counterfeiters from high cost.
2. A customer exclusive content wire can be visually identified.
3. Tear the paper by hand, and the security thread can be pulled out completely from the paper.
4. It can be made into stickers with glue or for tickets, certificates without glue.



Water mark paper / material



 Anti-counter feiting Printing

Digital plat form solution

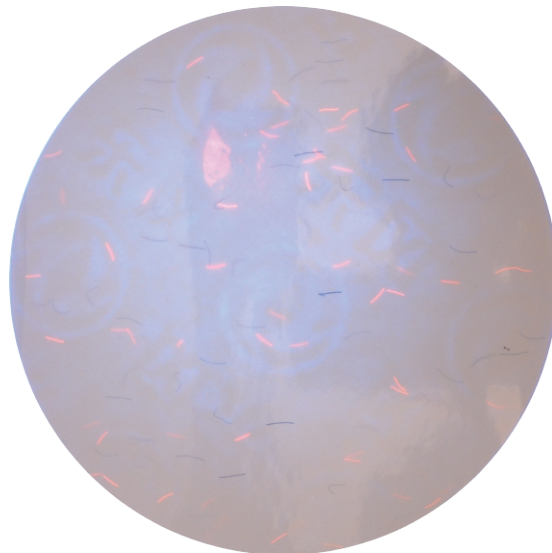
Technical principle

The watermark paper is made of special chemical resin and special printing way to make the resin penetrate into the paper, change the light transmittance of the paper, and generate different predetermined watermark patterns during visual inspection of light transmittance.

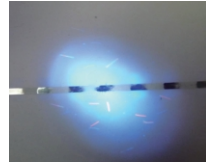


Product features

- 1.The chemical watermark pattern has a simple and intuitive anti-counterfeiting effect, a strong sense of permeability, and a smooth texture.
- 2.In terms of paper selection, customers can select different materials, sizes, colors and thicknesses according to their specific needs.
- 3.The surface effect is semi hidden, and the watermark effect can be obtained through light transmission observation.
- 4.It can be made into stickers with glue or for tickets, certificates without glue.



Special fiber paper material



Anti-counter feiting Printing
Digital plat form solution

Technical principle

When making paper, the technical principle mixes colored fibers such as red and blue into the paper pulp, or sprinkles them on the paper surface before the paper is shaped. Fluorescence reflection occurs under ultraviolet radiation, so that the paper has colored fibers different from the paper itself.

Product features

1. Can be directly identified by naked eye or ultraviolet light.
2. It can be made into stickers with glue or for tickets, certificates without glue.



VOID destructive material /

揭开留底VOID

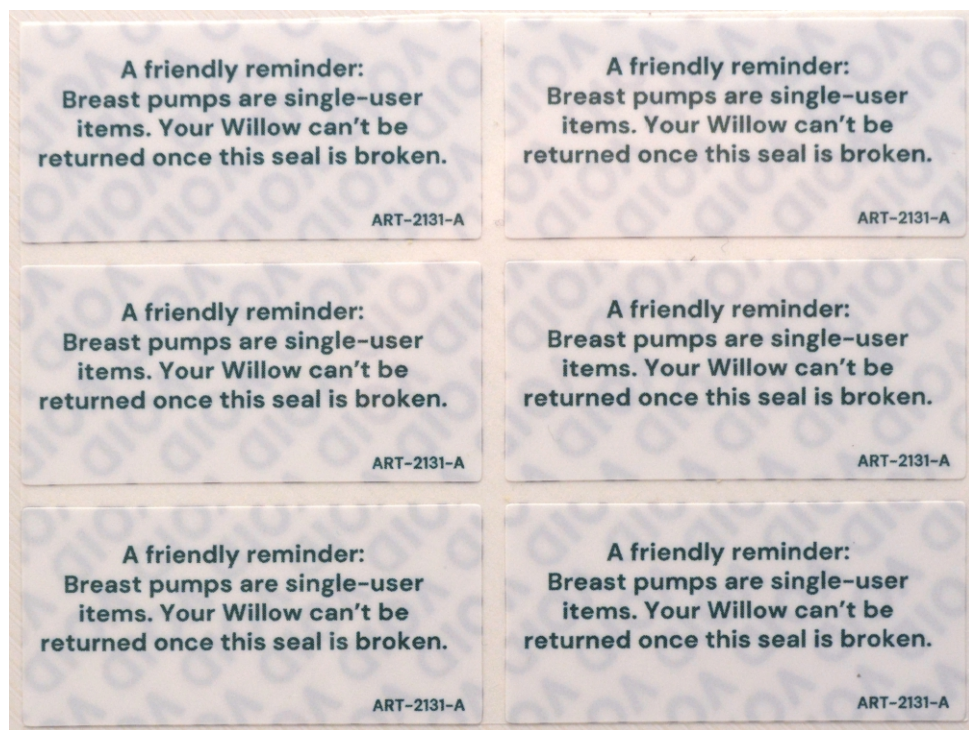


Technical principle

When peel off the VOID anti-counterfeit sticker will show "VOID" " OPENED " or other contents. The sticker will be damaged after being opened, cannot be reused. PET surface materials can be made into transparent and opaque materials in many colors, such as matte silver, glossy silver, flash silver, laser, white, etc.

Product features

1. One time ordinary destruction, one time regular destruction, the regular destruction can be customized with specific patterns and texts. 2. It has anti-counterfeiting function. Once the sticker peel off, it will cause structural damage and cannot be restored. 3. The identification is simple and fast, which can be directly identified with the naked eye. 4. The font on the bottom of the instrument can be made with "VOID" " OPENED " or the customized by the customer. The production is flexible.



Label /



 Anti-counter feiting
Printing

Digital plat form solution

Technical principle

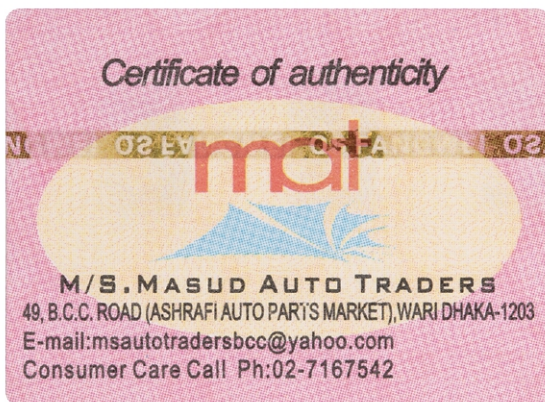
The label made of different materials, processes and anti-counterfeiting technologies with more distinctive.

Materials: Self-adhesive paper, PET, PVC, matte silver, one time used tamper proof material, special paper, etc.

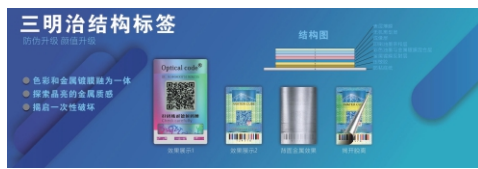
Craft: Gold hot stamping, silver hot stamping, matte/glossy lamination, oil coating, scratch off coating, etc.

Anti-counterfeit technology

1. Variable data
2. Physical anti-counterfeiting technology
3. Traceability



4D Label /



Anti-counterfeiting Printing

Digital plat form solution

Technical principle

The 4D sticker is made of color and metal aluminizing which are integrated, to explore the bright metal texture and reveal the one-time used anti-counterfeit effect.

Anti-counterfeit technology

It is combined with surface film, inorganic release layer, imaging layer, printing ink affinity layer, color ink and metal aluminum coating hybrid layer, metal coating reflective layer, layer by layer combination of anti-counterfeiting upgrading and color upgrading.



Bottle sticker /



Anti-counterfeiting Printing

Digital platform solution

Technical principle

The bottle sticker is made of different materials, processes and anti-counterfeiting technologies with more distinctive.

Materials: Self-adhesive paper, PET, PVC, matte silver, one time used tamper proof material, special paper, etc.

Craft: Gold hot stamping, silver hot stamping, matte/glossy lamination, oil coating, scratch off coating, etc.

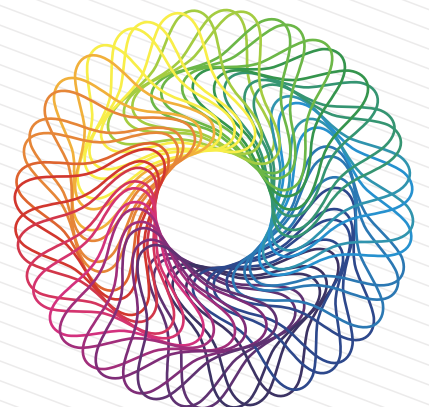
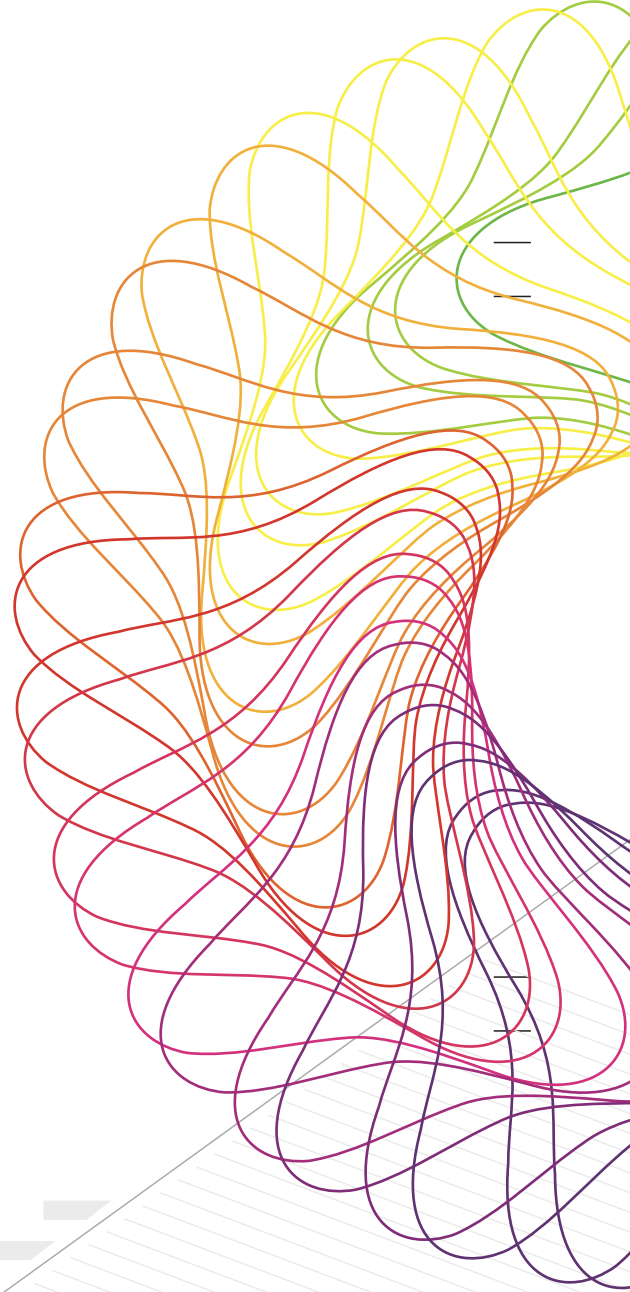
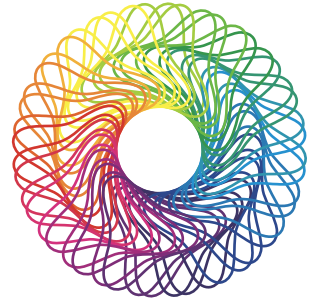
Anti-counterfeit technology

1. Variable data
2. Physical anti-counterfeiting technology
3. Traceability



4

READY MADE PRODUCTS CATERGORIES



PVC card /



Technical principle

The PVC material has the advantages of light weight, heat insulation, heat preservation, moisture-proof, flame retardant and simple construction. Can produce: variable data card, scratch card, smart card, ID card, magnetic stripe card, barcode card, membership card, chip card, etc.

Product features

1. Product features:
The thickness of PVC card ranges from 0.25mm to 0.76mm, and can also be made into other thickness.
2. The standard size of the PVC card is 85.5 * 54mm, and the round corner can also be made into other sizes.
3. You can choose the single side/double sides printing in offset printing or CMYK printing.
4. You can make with different numbers, PIN codes or words on each card.



Package box /





Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The paper box is made of different materials, processes and anti-counterfeiting technologies.

Materials: Coated paper, gold and silver cardboard, special paper, etc.

Gold hot stamping, silver hot stamping, embossing, matte/glossy lamination, oil coating, scratch off coating, etc.

Anti-counterfeit technology

1. Variable data
2. Physical anti-counterfeiting technology
3. Traceability



Tag /



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The tag is made of different materials, processes and anti-counterfeiting technologies.

Materials: Coated paper, PVC, gold and silver cardboard, special paper, etc.

Craft: Gold hot stamping, silver hot stamping, embossing, matte/glossy lamination, oil coating, scratch off coating, etc.

Anti-counterfeit technology: Variable data, Physical anti-counterfeiting technology, Traceability.



Special anti - counterfeiting tickets, vouchers



Anti-counter feiting Printing

Digital plat form solution

Technical principle

The ticket is made of different materials, processes and anti-counterfeiting technologies.
Materials: Coated paper, bond paper.
Craft: Gold hot stamping, silver hot stamping, matte/glossy lamination, oil coating, scratch off coating, etc.
Anti-counterfeit technology: Variable data, Physical anti-counterfeiting technology, Traceability.

Product features

1.The anti-counterfeiting design software is used for the design of anti-counterfeiting tickets, such as round flowers, lace, embossing, micro, etc. 2.The anti-counterfeiting tickets are printed with banknote printing anti-counterfeiting paper (watermark paper, security thread paper, bond paper, watermark + security thread paper + fiber paper, etc.).3.It is made with Anti counterfeiting ink (fluorescent ink, watermark oil star, mirror color change ink, photosensitive ink, OVI ink) shall be used for anti counterfeiting tickets.



Security certificate /



Technical principle

The certificate is made of different materials, processes and anti-counterfeiting technologies.

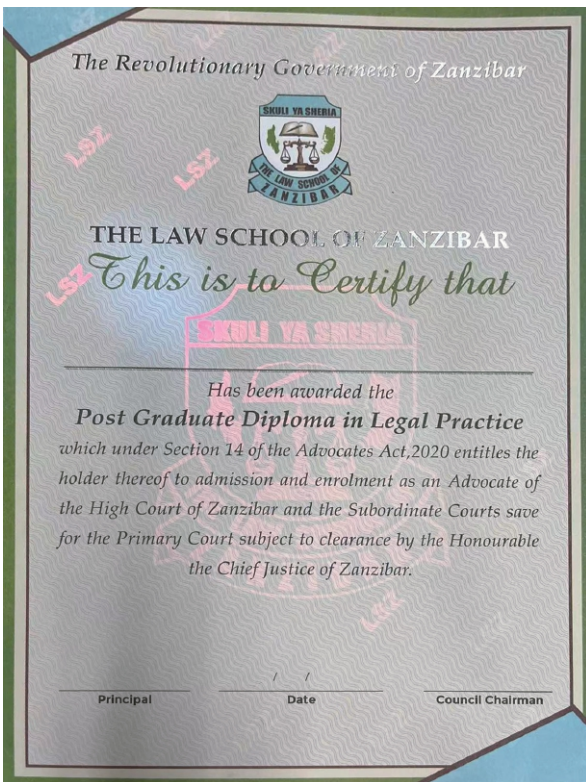
Materials: Coated paper, bond paper.
 Craft: Gold hot stamping, silver hot stamping, matte/glossy lamination, oil coating, scratch off coating, etc.

Anti-counterfeit technology: Variable data, Physical anti-counterfeiting technology, Traceability.

Product features

Anti counterfeiting certificate use banknote printing anti counterfeiting ink (fluorescent ink, watermark ink, color change ink and photosensitive ink, generally use CMYK printing + specified pantone color printing or gravure printing paper:

- (1)Anti counterfeiting watermark paper; including chrysanthemum watermark paper; plum flower watermark paper; plum flower fiber watermark paper;
- (2)Anti counterfeiting security thread paper; window opening security thread paper;
- (3)Anti counterfeiting bond paper.



Security cards, certificates /

Technical principle

The security card is made of different materials, processes and anti-counterfeiting technologies.

Materials: Coated paper, bond paper.

Craft: Gold hot stamping, silver hot stamping, matte/glossy lamination, oil coating, scratch off coating, etc.

Anti-counterfeit technology: Variable data, Physical anti-counterfeiting technology, Traceability.



Anti-counter feiting
Printing

Digital plat form solution



Positioning hot stamping hologram



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

The special holographic pattern can be designed according to the customer's requirements. The laser holographic logo can be made into independent trademark patterns by using the anodized process. The hot stamping pattern can be located by using the electric eye. The special version has higher technical difficulty and higher anti-counterfeiting efficiency than the ordinary full page hot stamping.

Product features

Can customize the special holographic logo according to the customer's requirements. The laser holographic logo is made into independent trademark patterns by using the electrochemical aluminum process. The hot stamping pattern is positioning by using an electric eye. The special version has higher technical difficulty and higher anti-counterfeiting efficiency than the ordinary full page hot stamping.



Transfer sticker



Anti-counter feiting
Printing

Digital plat form solution

Technical principle

UV transfer sticker technology is a technology that uses special UV ink to print on a transparent substrate and then cure it through a UV lamp. It can transfer patterns, fonts, etc. to different objects in a transparent manner, such as crystal logos, mobile phone cases, etc.

