About Us

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PART 01

Overview

01

PREFACE

Overview

Founded: August, 2015

Registered Capital: CNY 20 Million

Employees: 120

Plant area: 6300m^2

Service: Consulting, Antenna Design, Label Production

Priority: Dedicated to provide customers with cost-effective products

WHY US: Over 2 0 years+ RFID industry experience; Complete product portfolio; Fast delivery; Fast response

Production of more than 1 billion RFID labels

Leading RFID Inlay/Tag Manufacturer

梦想 诚信 品质 务实

QUALIFICATIONS

ISO9001: 2015

ISO45001: 2018

ISO14001: 2015

UnionPay Cert-NFC Payment Label

FSC System Cert

Group member of China Packaging Association

National High-tech Enterprises

RAINRFID Member

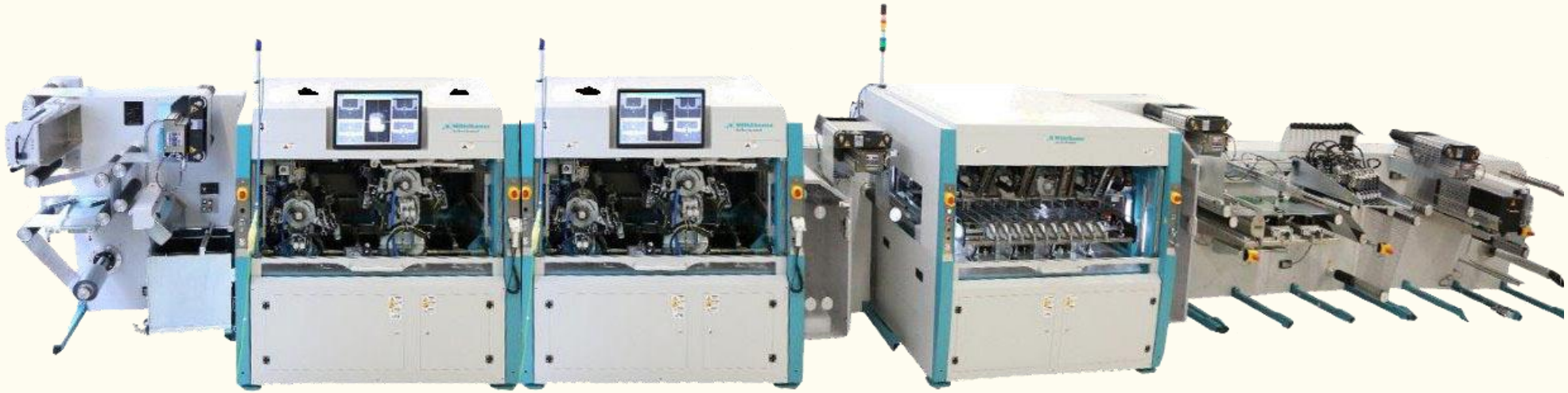
Integrity creates quality, innovation leads the future

PART 02

Equipment

02

Equipment (1) Bonding--Mühlbauer DDA 40000 WF



2 Sets; UPH: 45000 PCS/Set

Equipment (2) Bonding--Mühlbauer DDA 40000

2 Sets; UPH: 24000 PCS/Set

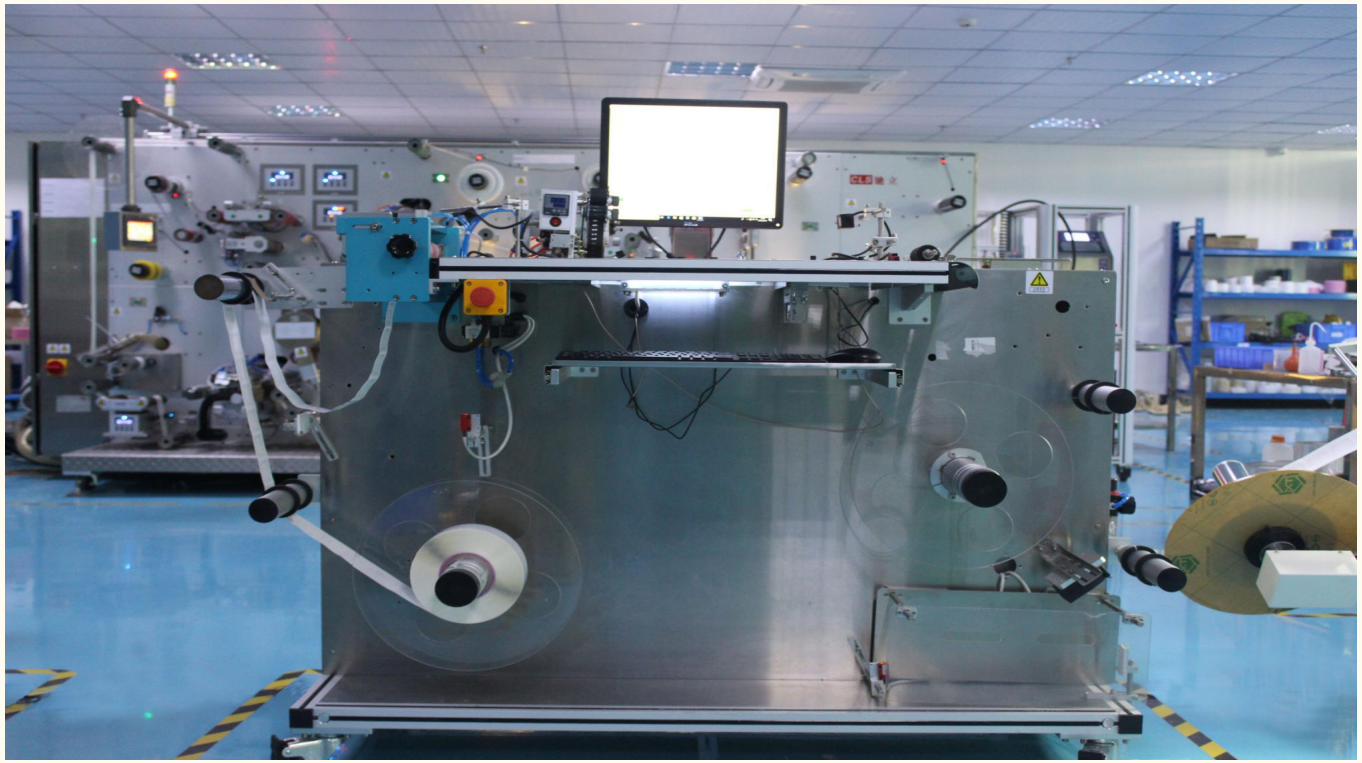
Equipment (3) **RFID Label Automatic Lamination Machine**

Strength：

1. Multi-layer labels converting；
2. Label Max. Width: 350mm；
3. Ready to buy machines if projects require；

Production Speed: Max.60M/Min Capacity: 700,000 PCS/Set/Day

Equipment (4) RFID Label Encode and detection machine



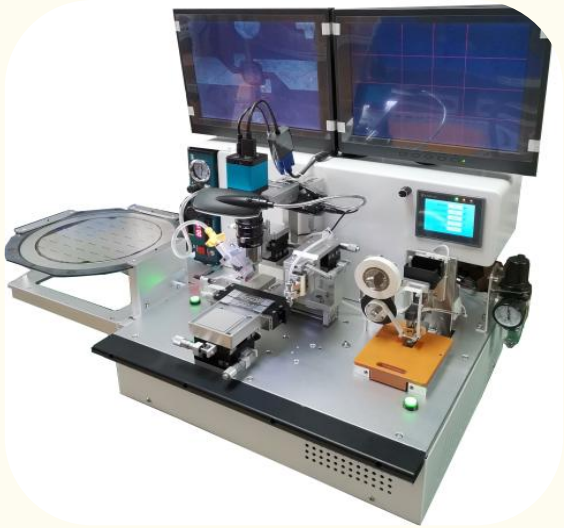
Detecting Speed Max.: 15000~20000pc/H/Set

Equipment (5) **RFID Printer**

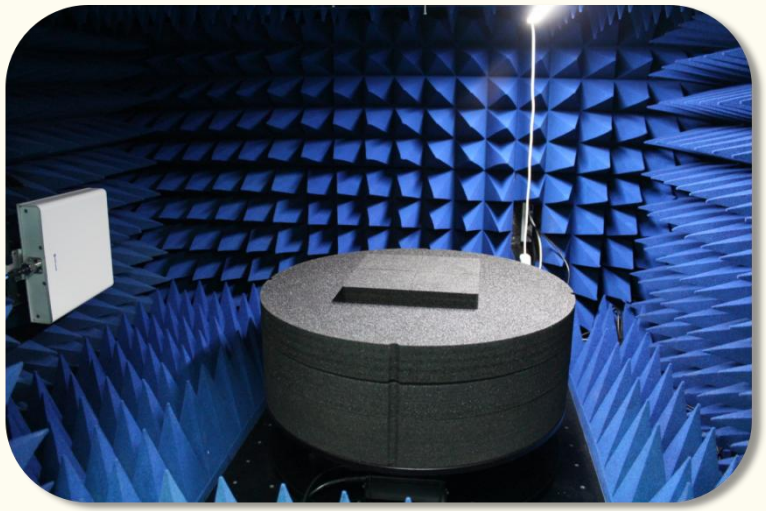
Description: Printing and encoding at the same time

Equipment (6) **LAB Equipment**

Laser Engraving Equipment
(Antenna sample making)



Manually Bonding Equipment
(Flip-chip)

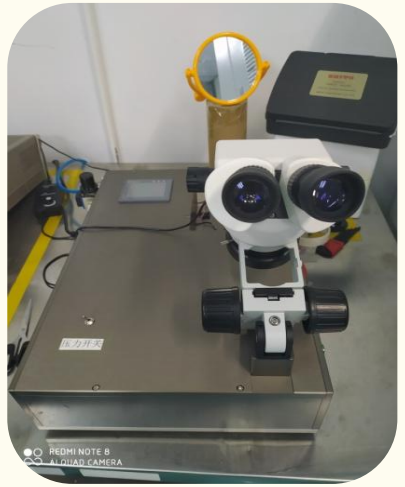


Anechoic Chamber
(an environment to accurately measure performance of RFID inlays)

Equipment (7) **LAB Equipment**

Constant Temperature & Humidity Machine

Shear Test



Finland Voyantic Tagsurance
RFID Measurement System

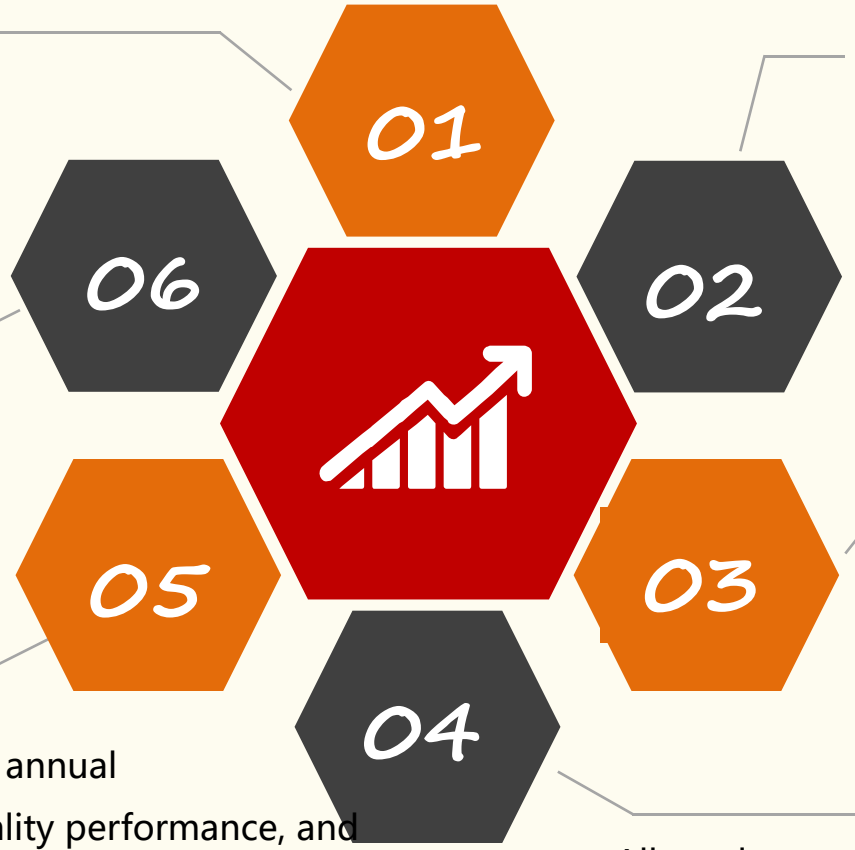
Bending Resistance Test

PART 03

Process

03

Process Quality Control



01: Design

Meet customers' quality requirements; Avoid possible problems in the production process

02: IQC

Strictly follow the "Incoming Material Inspection Specification" to perform incoming inspection work, and isolate &return unqualified products

03: Production Control System

First piece inspection (line change, shift handover); Inspection management (1 time/2h) **First piece inspection; Consistency inspection with Voyantic Tagformance**

04: Full inspection

All products are shipped after full inspection, and all production data are kept on file, which is convenient for follow-up data traceability and analysis of abnormal causes

05: Quality improvement

Through quality weekly, monthly and annual summaries, compare and analyze quality performance, and continuously summarize and improve to ensure continuous improvement in quality

06: After-sales Service

Quick after-sales response and professional technical support, efficiently solve customer quality problems

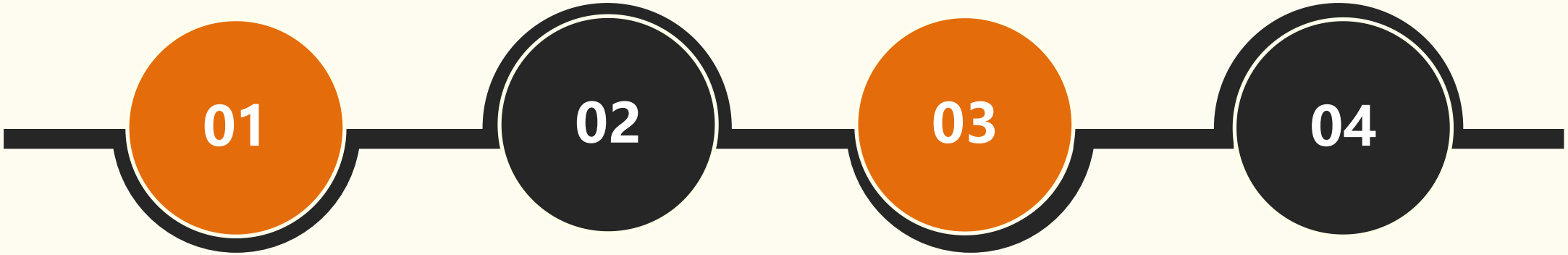
Product Developing Process

01: Requirement from Customers

Before product development, collect customer requirements, including applications, chip required, label material, size requirements, customization and other information

03: Sample Testing

Anechoic chamber simulation test, carry out simulation test according to customer needs, whether the sample is suitable for customers' real-world application.



02: Sample Making

Design antennas and provide label solutions according to customer needs, then make samples

04: Samples confirmed

Sample testing is OK and the sample is sent to the customer, and the customer confirms it with signature

General product development finised within 1 week

Process **Product Production Process**

01: IQC

Sampling inspection of each batch of incoming materials according to the "Incoming Material Inspection Specification", and form a record file

02: Bonding

Flip-chip through ACP conductive adhesive

03: Converting & Die cutting

Facestock+Double-sided adhesive+Dry inlay Converting&Die cutting

04: Full inspection

All products must be functionally tested, and the test data must be recorded

05: Packing

Pack the products according to the product packaging specification

06: Sampling inspection&warehousing

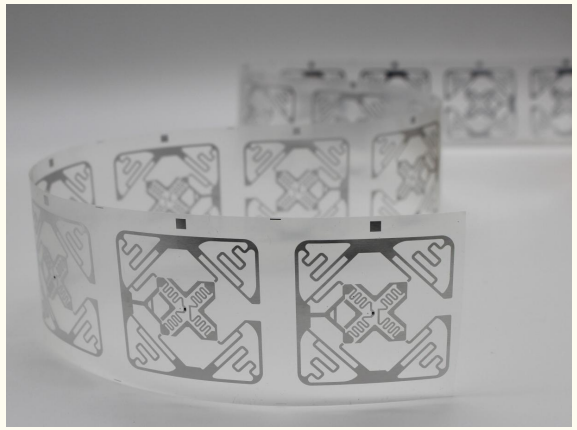
Warehousing after passing the quality sampling inspection

PART 04

Applications

04

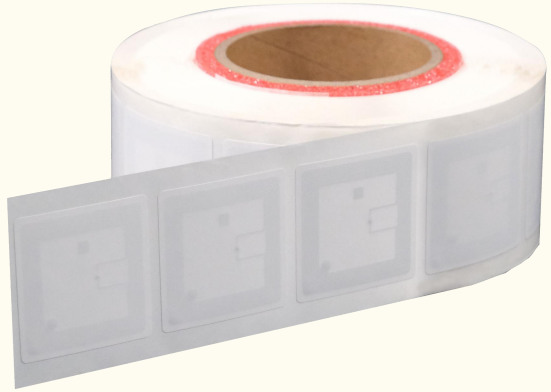
Products & Applications(1)



Dry/Wet Inlay Processing

◆For secondary processing

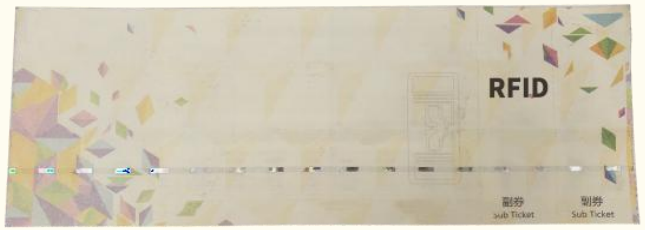
Products & Applications(2)



Library Tag

- ◆Simplify the book borrowing and returning process
- ◆Zero distance, unlimited service to readers
- ◆Achieve the visible management of books

Products & Applications(3)



Scenic spot ticket/Event Ticket

◆Digital management
◆Anti-counterfeiting; Eliminate forgery & fraud
◆Smart guide for crowd flow monitoring

Products & Applications(4)

Hang Tag(bags/shoes/hats)

- ◆ Inventory&delivery accuracy
- ◆ Anti-counterfeiting & anti-channeling goods
- ◆Membership management; Interactive communications; Automated self checkout

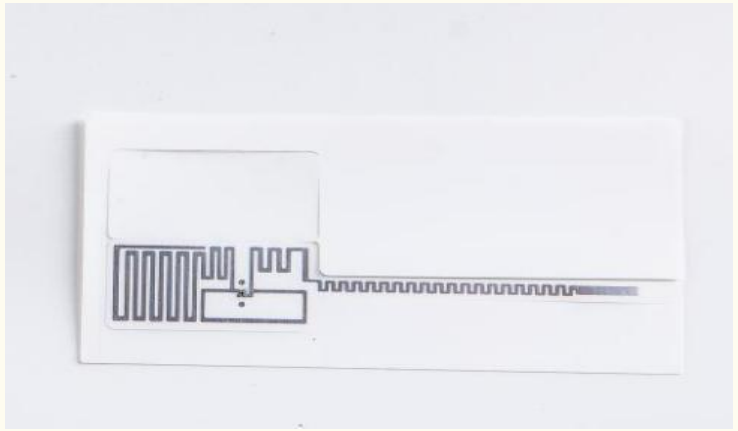
Products & Applications(5)

Woven Tag

(Apparel/Home textiles/Warehouse stores)

- ◆Smart one-stop production, warehousing, inventory & delivery
- ◆Anti-counterfeiting
- ◆Optimize supply chain management

Products & Applications(6)



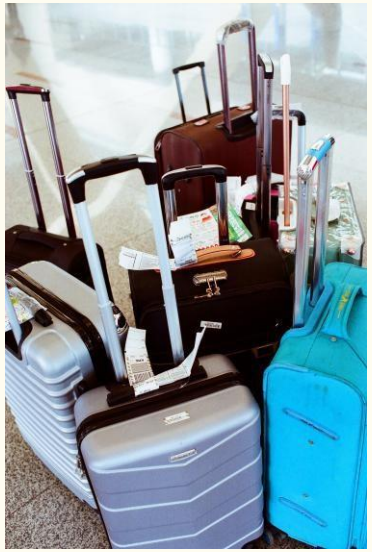
Jewelry Tag (jewelry/watch/glasses)

- ◆Fast delivery&receiving&labeling
- ◆Improve refined product management & customer experience
- ◆Improve logistics efficiency
  Reduce financial pressure

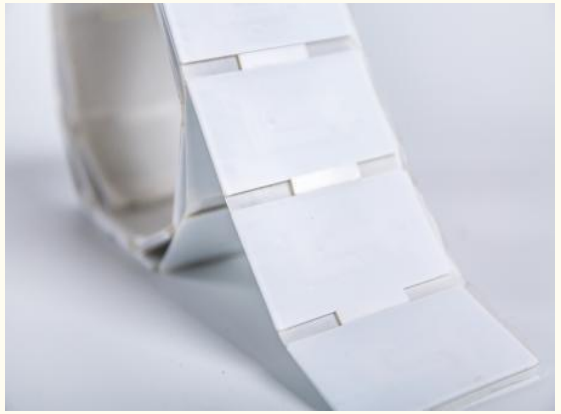
Products & Applications(7)

Baggage Tags
(Tracing management of airlines baggage)

- ◆Resistant to harsh environments & durable
- ◆Contactless reading&Batch reading
- ◆Improve baggage identification rate and sorting accuracy



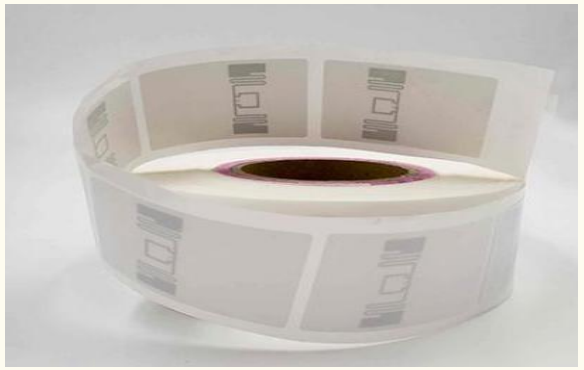
Products & Applications(8)



On-Metal Tag
(Smart phone NFC / Asset management)

- ◆High temperature resistance; Impact resistance; Vibration resistance
- ◆Stable performance under high temperature
- ◆Very strong resistance to chemicals

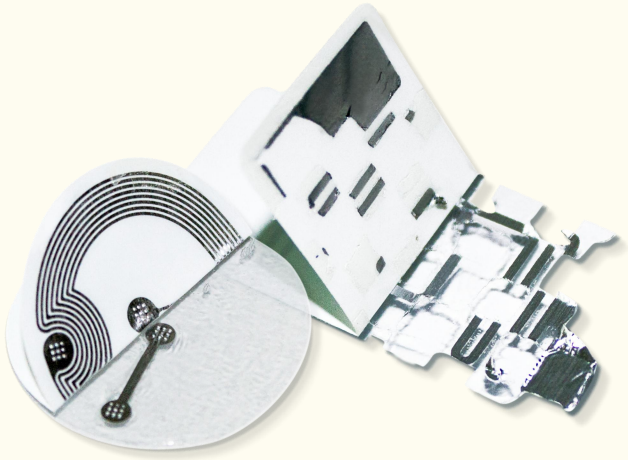
Products & Applications(9)



Retail Tag(No staff retail store)

◆Rapid scan & large data capacity
◆Penetration barrier free reading
◆Small size & various shapes

Products & Applications(10)



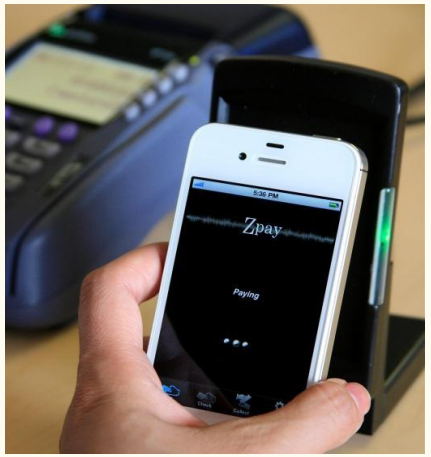
Tamper-evident Tag
(Wine/Cosmetics/Drugs)

- ◆Anti-counterfeiting & traceability and prevent heat transfer
- ◆Stable performance under harsh environments
- ◆Bend resistant; Not easy to damage; Longer storage time

Products & Applications(11)

UnionPay Tag
(smart phone NFC payment)

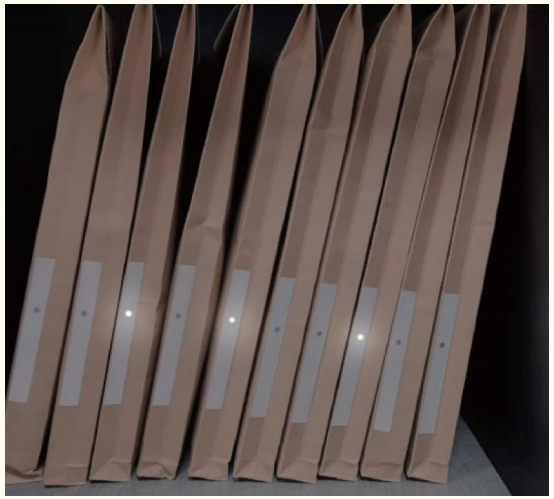
- ◆Convenient & Fast
- ◆Safe & Reliable
- ◆Personalized consume experience



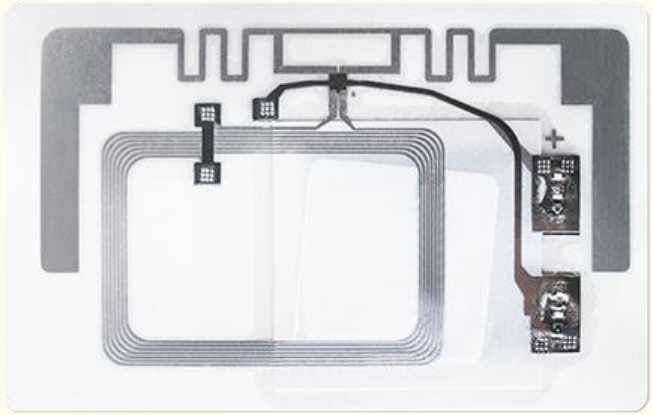
Products & Applications(12)

UHF LED Tag

- ◆Light up to find the objects
- ◆Fast locating
- ◆Achieve visible management



Products & Applications(13)



Temperature Sensor Tag

- ◆Timed temperature measurement
- ◆Store data offline
- ◆Whole process temperature monitoring

PART 05

Contact Us

05

Win Win Together

Contact Us

https://www.osrfidglobal.com/contact/

Follow Us !

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OSrfid

THANKS

Thanks