



kortx | RFID Cards 

[www.kortxtech.com](http://www.kortxtech.com)



## RFID Cards

### Hotel Key Cards

Our custom printed hotel key cards are a great way to make a lasting impression. These magnetic striped or RFID cards give you the ability to offer guests the appropriate level of access to your facilities all in one easy-to-use plastic key card that presents a customized marketing message. Plastic key cards are a great way to promote upcoming events and conventions, in-house dining or even create additional revenue by advertising local merchants.

Our plastic hotel key cards cover magnetic stripe key cards and RFID key cards. We also supply hotel key cards for lock systems: Ving®, saflok®, kaba®, Onity®, Salto®, Betech®, Adel®.

RFID hotel key card Specification:



Size	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)
Material	PVC
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)Pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1, Signature panel 2,Bar code in different types(39/EAN 13/EAN 128...) 3, Hot-stamping gold/silver 4, Personalization : Card Number, member name & expiry date etc

## Magnetic Stripe Key Cards



### Magnetic key card Specification:

Size	CR-80/credit card size (3 1/8" by 2 1/8" by 0.86mm thickness)
Material	PVC
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)Pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1,Signature panel 2,Bar code in different types(39/EAN 13/EAN 128...) 3, Hot-stamping gold/silver 4, Personalization : Card Number, member name & expiry date etc

## RFID Hotel Ving Card



## RFID hotel key card Specification:

Size	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)
Material	PVC
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)Pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1,Signature panel 2,Bar code in different types(39/EAN 13/EAN 128...) 3, Hot-stamping gold/silver 4, Personalization : Card Number, member name & expiry date etc

## New Ving Card

Our custom printed hotel key cards are a great way to make a lasting impression. These magnetic striped or RFID cards give you the ability to offer guests the appropriate level of access to your facilities all in one easy-to-use plastic key card that presents a customized marketing message. Plastic key cards are a great way to promote upcoming events and conventions, in-house dining or even create additional revenue by advertising local merchants.

By direct and save. Our plastic hotel key cards cover magnetic stripe key cards and RFID key cards. We also supply hotel key cards for lock systems: Ving®,saflok®, kaba®, Onity®, Salto®, Betech®, Adel®.



Size	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)
Material	PVC
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)Pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1,Signature panel

2, Bar code in different types(39/EAN 13/EAN 128...)  
 3, Hot-stamping gold/silver  
 4, Personalization : Card Number, member name & expiry date etc

## LF 125Khz Cards

Low frequency 125khz card is commonly known as proximity card. **KORTX** provides various 125khz proximity card, such as Tk4100, EM4200, EM4305, and T5577 cards, also we do have technology to make HID compatible cards. 125khz card is widely used in access control and packing field for its long reading distance and durability.



### 125Khz LF RFID Card Specification:

Size	CR-80/credit card size (3 1/8" by 2 1/4" by 0.86mm thickness) or 1..8mm
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1, Signature panel 2, Bar code in different types(39/EAN 13/EAN 128...) 3, Hot-stamping gold/silver 4, Personalization: Card Number, member name & expiry date etc

## Magnetic Stripe Hotel Key Cards

Our custom printed hotel key cards are a great way to make a lasting impression. These magnetic striped or RFID cards give you the ability to offer guests the appropriate level of access to your facilities all in one easy-to-use plastic key card that presents a customized marketing message. Plastic key cards are a great way to promote upcoming events and conventions, in-house dining or even create additional revenue by advertising local merchants.

Our plastic hotel key cards cover magnetic stripe key cards and RFID key cards. We also supply hotel key cards for lock systems: Ving®, saflok®, kaba®, Onity®, Salto®, Betech®, Adel®.

**Magnetic key cards** have a magnetic stripe, a dark strip of magnetic material, as seen on the back of hotel key cards or access control cards. Available in three main levels: high-coercivity (HiCo), medium-coercivity and low-coercivity (LoCo).



<b>Size</b>	CR-80/credit card size (3 7/8" by 2 1/8" by 0.76mm thickness)
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen) pantone color printing
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, embossed number, laser engraving number
<b>Available Crafts</b>	1,Signature panel 2,Bar code in different types(39/EAN 13/EAN 128...) 3, Hot-stamping gold/silver 4, Personalization: Emboss or thermal print Card Number, member name & expiry date etc

**Chip type available:**

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
TK4100	64bits	125KHZ	11784/85	Read only	TK
EM4200	64bits	125KHZ	11784/85	Read only	EM-Marin
EM4305	512bits	125KHZ	11784/85	R/W	EM-Marin
EM4450	1k bits	125KHZ	11784/85	R/W	EM-Marin
ATMEL5577	363bits	125KHZ	11784/85	R/W	Atmel
HID		125KHZ	11784/85	R/W	HID

## 125Khz 26bit/37bit HID Prox Card

125Khz 26bit/37bit HID Prox Card is commonly known as proximity card. **KORTX** provides various 125khz HID prox card, such as H10301 , H10302,H10304 and H10320. Almost all access control systems accept the standard 26-bit format. 26-bit originated with true Wiegand swipe card technology.



### 125Khz 26bit/37bit HID Prox Card Specification:

Size	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness) or 1..8mm
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1,signature panel 2,bar code in different types(39/ean 13/ean 128...) 3, hot-stamping gold/silver 4, personalization: card number, member name & expiry date etc

## 125Khz EM4200 Card

Low frequency 125khz card is commonly known as proximity card. **KORTX** provides various 125khz proximity card, such as Tk4100, EM4200,EM4305, and T5577 cards, also we do have technology to make HID compatible cards. 125khz card is widely used in access control and packing field for its long reading distance and durability.



#### 125Khz EM4200 Card Specification:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
TK4100	64bits	125KHZ	11784/85	Read only	TK
EM4200	64bits	125KHZ	11784/85	Read only	EM-Marin
EM4305	512bits	125KHZ	11784/85	R/W	EM-Marin
EM4450	1k bits	125KHZ	11784/85	R/W	EM-Marin
ATMEL5577	363bits	125KHZ	11784/85	R/W	Atmel
HID		125KHZ	11784/85	R/W	HID

#### 125Khz EM4450 Low Frequency Proximity Card

Low frequency 125khz card is commonly known as proximity card. **KORTX** provides various 125khz proximity card, such as Tk4100, EM4200, EM4305, and T5577 cards, also we do have technology to make HID compatible cards. 125khz card is widely used in access control and packing field for its long reading distance and durability.



#### 125Khz EM4305 Low Frequency Proximity Card Specification:

Size	CR-80/credit card size (3 3/8" by 2 1/4" by 0.86mm thickness) or 1..8mm
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1, bar code in different types(39/EAN 13/EAN 128...) 2, hot-stamping gold/silver 3, Personalization: Card Number, member name & expiry date etc

Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
TK4100	64bits	125KHZ	11784/85	Read only	TK
EM4200	64bits	125KHZ	11784/85	Read only	EM-Marin
EM4305	512bits	125KHZ	11784/85	R/W	EM-Marin
EM4450	1k bits	125KHZ	11784/85	R/W	EM-Marin
ATMEL5577	363bits	125KHZ	11784/85	R/W	Atmel
HID		125KHZ	11784/85	R/W	HID

## 125khz RFID Writable T5577 Card

Low frequency 125khz card is commonly known as proximity card. **KORTX** provides various 125khz proximity card, such as Tk4100, EM4200, EM4305, and T5577 cards, also we do have technology to make HID compatible cards. 125khz card is widely used in access control and packing field for its long reading distance and durability.



125khz RFID Writable T5577 Card Specification:

Size	CR-80/credit card size (3 1/8" by 2 1/4" by 0.86mm thickness) or 1..8mm
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1, bar code in different types(39/EAN 13/EAN 128...) 2, hot-stamping gold/silver 3, personalization: Card Number, member name & expiry date etc

Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
TK4100	64bits	125KHZ	11784/85	Read only	TK
EM4200	64bits	125KHZ	11784/85	Read only	EM-Marin
EM4305	512bits	125KHZ	11784/85	R/W	EM-Marin
EM4450	1k bits	125KHZ	11784/85	R/W	EM-Marin
ATMEL5577	363bits	125KHZ	11784/85	R/W	Atmel
HID		125KHZ	11784/85	R/W	HID

## HF 13.56Mhz Cards

High frequency 13,56mhz card is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz cards, such as NXP Mifare serials, NXP ntag serials and NXP desfire serials, also Icode serials and Hi tag ones.



### 13.56Mhz HF RFID Card Specification:

Size	CR-80/credit card size (3 1/8" by 2 1/8" by 0.86mm thickness)
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1,signature panel 2,bar code in different types(39/EAN 13/EAN 128...) 3, hot-stamping gold/silver 4, personalization: Card Number, member name & expiry date etc

### Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

## Pre- Printed NXP Mifare Ultralight Ev1/Ultralight C Card

High frequency 13,56mhz card is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz cards, such as NXP Mifare serials,NXP ntag serials and NXP desfire serials, also Icode serials and Hi tag ones.



### Pre- Printed NXP Mifare Ultralight Ev1/Ultralight C Card Specification:

Size	CR-80/credit card size (3 1/8" by 2 1/4" by 0.86mm thickness)
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	1. signature panel 2. bar code in different types(39/EAN 13/EAN 128...) 3. hot-stamping gold/silver 4. personalization: Card Number, member name & expiry date etc

### Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

## Customized 13.56Mhz ISO15693 ICODE SLI/SLIX/SLIX2/SLI-S Card

High frequency 13,56mhz card is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz cards, such as NXP Mifare serials, NXP ntag serials and NXP desfire serials, also Icode serials and Hi tag ones.



### Customized 13.56Mhz ISO15693 ICODE SLI/SLIX/SLIX2/SLI-S Card Specification:

<b>Size</b>	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, laser engraving number
<b>Available Crafts</b>	1. signature panel 2. bar code in different types(39/EAN 13/EAN 128...) 3. hot-stamping gold/silver 4. personalization: Card Number, member name & expiry date etc

### Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP

Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

### 13.56Mhz ISO14443A Mifare RFID Plastic Keychain Tag

High frequency 13,56mhz keychain tag is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz rfid keychain tags, such as NXP Mifare serials,NXP ntag serials and NXP desfire serials, also Icode serials and Hi tag ones.



#### 13.56Mhz ISO14443A Mifare RFID Plastic Keychain Tag Specification:

RFID Keychain are produced as membership cards, discount cards of a private club, health care provider, discount shopping club. Which will Improve your group's security. Enhance your image. Convey a sense of pride.

<b>Name</b>	RFID Keychain tag
<b>Size</b>	55*29MM
<b>Thickness</b>	0.84MM,0.9MM ,1MM
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen) pantone color printing as request
<b>Finish</b>	Glossy or Matt or Frosted
<b>Crafts</b>	1,signature panel 2,RFID chip inside 3, serial number printing
<b>Sample</b>	Free samples are available upon request

Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacture
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

## MIFARE DESFire EV1 2k/4K/8K Card Printing

High frequency 13,56mhz card is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz cards, such as NXP Mifare serials,NXP ntag serials and NXP desfire serials, also Icode serials and Hi tag ones.



### MIFARE DESFire EV1 2k/4K/8K Card Specification:

**MIFARE DESFire EV1** (MF3ICD(H) 21/41/81), a Common Criteria (EAL4+) certified product, is ideal for service providers wanting to use secure multi-application smart cards in public transport schemes, access management or closed-loop e-payment applications. It fully complies with the requirements for fast and highly secure data transmission, flexible memory organization and interoperability with existing infrastructure.

Size	CR-80/credit card size (3 ½" by 2 ½" by 0.86mm thickness)
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
Finishing	Glossy or Matt or Frosted
Numbering	Thermal printing number, laser engraving number
Available Crafts	<ul style="list-style-type: none"> <li>1,signature panel</li> <li>2,bar code in different types(39/EAN 13/EAN 128...)</li> <li>3, hot-stamping gold/silver</li> <li>4, personalization: Card Number, member name &amp; expiry date etc</li> </ul>

Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

## MIFARE Plus X/S 2k/4k Card Printing

High frequency 13,56mhz card is commonly used in access control and cashless payment, which supports ISO14443A protocol and 15693 protocol. **KORTX** provides various 13.56mhz cards, such as NXP Mifare serials,NXP ntag serials and NXP desfire serials, NXP plus, also Icode serials and Hi tag ones.



#### MIFARE Plus X/S 2k/4k Card Specification:

**MIFARE Plus** brings benchmark security to mainstream contactless smart card applications. It is the only mainstream IC compatible with MIFARE Classic 1K (MF1ICS50) and MIFARE Classic 4K (MF1ICS70) which offers an upgrade path for existing infrastructure and services.

After the security upgrade, MIFARE Plus uses AES-128 (Advanced Encryption Standard) for authentication, data integrity and encryption. MIFARE Plus is based on open global standards for both air interface and cryptographic methods at the highest security level.

<b>Size</b>	<b>CR-80/credit card size (3 ½" by 2 ½" by 0.86mm thickness)</b>
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, laser engraving number
<b>Available Crafts</b>	<ul style="list-style-type: none"> <li>• signature panel</li> <li>• bar code in different types(39/EAN 13/EAN 128...)</li> <li>• hot-stamping gold/silver</li> <li>• personalization: Card Number, member name &amp; expiry date etc</li> </ul>

#### Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufacturer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP
iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

## UHF 860-960Mhz Cards

860-960Mhz UHF RFID card is widely known for its long read range and high data transfer rate, which supports EPC Gen 2/6C protocol. **KORTX** supplies the mostly common used H3 UHF RFID cards.



### 860-960Mhz UHF RFID Specification:

<b>Size</b>	CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, laser engraving number
<b>Available Crafts</b>	1,signature panel 2,bar code in different types(39/EAN 13/EAN 128...) 3, hot-stamping gold/silver 4, personalization: Card Number, member name & expiry date etc

## Dual-Frequency Combi Cards

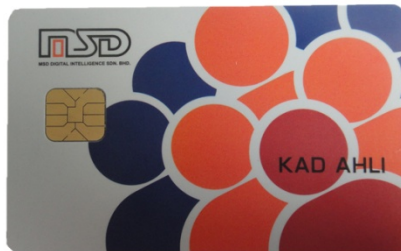
Dual-Frequency RFID Card makes one card with 2 different kinds of frequency, which could be 125khz combined with 13.56Mhz, or 13.56Mhz combined with 860-960mhz, and also could be 125khz combined with 860-960mhz. Dual-Frequency RFID Card will be more and more popular in many kinds of application.



<b>Size</b>	<b>CR-80/credit card size (3 3/8" by 2 1/8" by 0.86mm thickness)</b>
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, laser engraving number
<b>Available Crafts</b>	1,signature panel 2,bar code in different types(39/EAN 13/EAN 128...) 3, hot-stamping gold/silver 4, personalization: Card Number, member name & expiry date etc
<b>Available combinations</b>	LF+HF,LF+UHF,HF+UHF

## Contact Smart Cards

RFID card is a contactless credential whose dimensions are credit-card size. Its embedded integrated circuits can store (and sometimes process) data and communicate with a terminal via NFC. Commonplace uses include transit tickets and passports. RFID card can be used for identification, authentication, and data storage. They also provide a means of effecting business transactions in a flexible, secure, standard way with minimal human intervention. **KORTX** supply 125 KHz/LF, 13.56 MHz/HF, 860-960 MHz/UHF and even Dual Frequency (13.56 MHz/125 KHz) or Dual Frequency (UHF 860-960 MHz/13.56 MHz) RFID card.



### Contact Smart Cards

Contact smart cards have a contact area of approximately 1 square centimetre (0.16 sq in), comprising several gold-plated contact pads. These pads provide electrical connectivity when inserted into a reader, which is used as a communications medium between the smart card and a host (e.g., a computer, a point of sale terminal) or a mobile telephone. Contact smart card is widely used as bank credit card and social security card.

<b>Name</b>	<b>Contact Smart card</b>
<b>Size</b>	85.5*54*0.84MM
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing as request
<b>Finishing</b>	Glossy or Matt or Frosted

## RFID Wristbands

As the RFID technology evolved, the medium for RFID is no longer restricted to just PVC cards alone, they now come in various forms to cater for different applications, RFID wristband is one of which that has been very popular and widely used in access control for events, concerts, theme parks and etc. **KORTX** supplies various type RFID wristbands, such as fabric RFID wristbands, Elastic RFID wristband, Tyvek paper RFID wristband, Vinyl RFID Wristbands and silicone RFID wristbands.

RFID Elastic Wristband is made from elasticated material, this band is stretchy, soft and removable, which is dear for multi-use. Elastic Fabric Wristband can be printed in full color print on both the outside and inside. Available any RFID chip including, NXP – Mifare serials , I CODE, and NFC.



### RFID Elastic Wristband Specification:

<b>Material</b>	<b>elasticated polyester</b>
<b>Child Size</b>	25*160mm or 25*165 mm or Customized
<b>Adult Size</b>	25*180 mm, 25*185 mm or Customized
<b>Printing Type</b>	wristband -Dye Sublimation Pouch-embroidering logo
<b>Chip Option</b>	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
<b>Numbering</b>	Serial numbers <b>Chip excel file datasheet offered</b>
<b>Samples</b>	Stock samples are free
<b>Package and shipping details</b>	50pcs/opp, 2000pcs/ctn, ctn size: 50*30*30cm, N.W.:16 kgs/ctn, G.W:18kgs/ctn

## RFID Fabric Wristband

RFID Fabric Wristbands feature an RFID tag, enabling compatibility with any RFID event solutions, including access control, cashless payments and social media integration. Our fabric wristbands can be fully customized to suit your festival or sponsor's brand.



### RFID Fabric Wristband Specification:

Material	polyester
Fabric Size	350*15 mm or 350*20 mm Customized
Tag Size	40*25 mm, 35*26 mm or Customized
Printing Type	Thermal transfer, Woven, Ribbon silk printing, customized designs available
Chip Option	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, Mifare Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
Numbering	Thermal transfer/Laser engrave chip UID& serial numbers Unique barcode& QR code <b>Chip excel file datasheet offered</b>
Accessory for one time use	1) Aluminum tube 2) Plastic barrel slide lock 3) Plastic square slide lock 4) Bell shaped slide lock 5) Plastic snap closure Customized PMS colors buckles/sliders are available!

## RFID Paper Wristbands

RFID paper Wristband is a quick, cost-effective solution to access control management and identification. This reinforced Tyvek wristband is made from a Poly Prop composite and its laminated surface make it 100% waterproof. The RFID or NFC microchip is embedded within the paper wristband, which can be fully customized with full color printing, numbers, barcodes, and QR codes.



Material	waterproof Tyvek paper
Fabric Size	250*15 mm or 280*20 mm or Customized
Printing Type	full color or as Pantone matching
Chip Option	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, 213/215/216, MF 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
Numbering	serial numbers Unique barcode& QR code Chip excel file datasheet offered
Locking Mechanism	Tamper proof peel & Seal adhesive

## RFID Silicone Wristbands

RFID Silicone wristbands are ideal for event applications including brand activation and cashless payments. RFID Silicone wristbands are 100% waterproof and designed to be reusable. And they will be still comfortable after wearing over a long period, which makes them perfect for use at leisure parks, water parks or resorts.

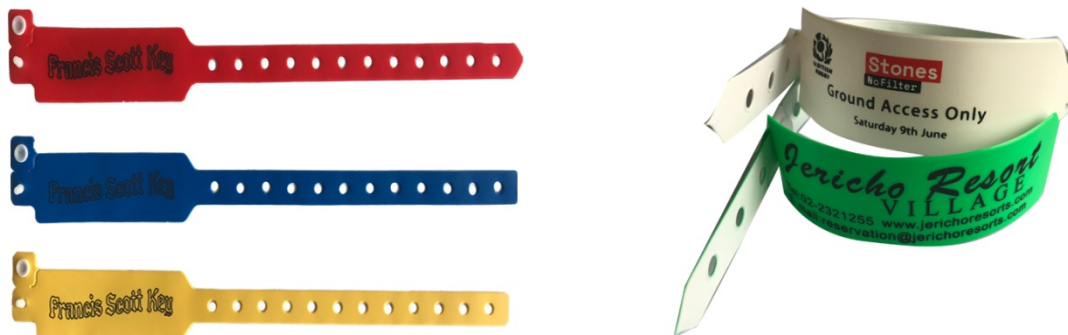


#### RFID Silicone wristband Specification:

Material	Silicone
Size	Adjustable
Printing Type	silk printing or laser printing
Chip Option	LF(125KHz): EM4100 compatible, EM4200, EM4305
(If you are not sure which rfid chip suitable for your application, just email to us.)	HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc.
Numbering	UHF(860-960MHz): Alien H3
	Laser engrave chip uid & serial numbers
	Unique barcode& QR code

#### RFID Vinyl Wristbands

Vinyl wristbands are very durable type of security wristband and they will last up to 2 weeks. Each band has a plastic snap closure and the band will have to be destroyed to be removed, so there is no reapplying these wristbands. RFID vinyl wristbands (also referred to as soft pvc NFC wristbands) have an encapsulated RFID chip, protecting the chip exposure to water. The wristbands are cheap RFID wristband solution.



#### RFID vinyl wristband Specification:

Material	Vinyl (soft pvc)
Fabric Size	250*16 mm or 250*25 mm or Customized
Printing Type	Pantone color
Chip Option	LF(125KHz): EM4100 compatible, EM4200, EM4305
	HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc.
	UHF(860-960MHz): Alien H3
Numbering	serial numbers
	Unique barcode& QR code
	Chip excel file datasheet offered

## 125khz RFID Elastic Wristbands

As the RFID technology evolved, the medium for RFID is no longer restricted to just PVC cards alone, they now come in various forms to cater for different applications, RFID wristband is one of which that has been very popular and widely used in access control for events, concerts, theme parks and etc. **KORTX** supplies various type RFID wristbands, such as fabric RFID wristbands, Elastic RFID wristband, Tyvek paper RFID wristband, Vinyl RFID Wristbands and silicone RFID wristbands.



### Key features of RFID wristbands

- Various materials are available: fabric, Tyvek paper, Vinyl and silicone
- Customizable with printing of your artwork or logo on both the face of the wristband and the band itself.
- Wide range of RFID smart chips available to choose from to suit your applications, ranging from LF – 125KHz (EM4200, TK4100, T5577), HF – 13.56MHz (MIFARE, NTAG, ICode SLI), UHF – 916MHz (Alien Higgs H3, Ucode)
- Waterproof, best suited for use at swimming pools, saunas, steam rooms and other humid environment.

**RFID Elastic Wristband** is made from elasticated material, this band is stretchy, soft and removable, which is dear for multi-use. Elastic Fabric Wristband can be printed in full color print on both the outside and inside. Available any RFID chip including, NXP – Mifare serials, I CODE, and NFC.

<b>Material</b>	<b>Elasticated polyester</b>
<b>Child Size</b>	25*160mm or 25*165 mm or Customized
<b>Adult Size</b>	25*180 mm, 25*185 mm or Customized
<b>Printing Type</b>	wristband -Dye Sublimation Pouch-embroidering logo
<b>Chip Option</b>	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
<b>Numbering</b>	Serial numbers Chip excel file datasheet offered

## RFID Woven Wristband

As the RFID technology evolved, the medium for RFID is no longer restricted to just PVC cards alone, they now come in various forms to cater for different applications, RFID wristband is one of which that has been very popular and widely used in access control for events, concerts, theme parks and etc. **KORTX** supplies various type RFID wristbands, such as fabric RFID wristbands, Elastic RFID wristband, Tyvek paper RFID wristband, Vinyl RFID Wristbands and silicone RFID wristbands.



### Key features of RFID wristbands

- Various materials are available: fabric, Tyvek paper, Vinyl and silicone
- Customizable with printing of your artwork or logo on both the face of the wristband and the band itself.
- Wide range of RFID smart chips available to choose from to suit your applications, ranging from LF – 125KHz (EM4200, TK4100, T5577), HF – 13.56MHz (MIFARE, NTAG, ICode SLI), UHF – 916MHz (Alien Higgs H3, Ucode)
- Waterproof, best suited for use at swimming pools, saunas, steam rooms and other humid environment

**RFID Woven Wristbands** feature an RFID tag, enabling compatibility with any RFID event solutions, including access control, cashless payments and social media integration. Our woven wristbands can be fully customized to suit your festival or sponsor's brand.

### Specification:

<b>Material</b>	<b>polyester</b>
<b>Fabric Size</b>	350*15 mm or 350*20 mm Customized
<b>Tag Size</b>	40*25 mm, 35*26 mm or Customized
<b>Printing Type</b>	Thermal transfer, Woven, Ribbon silk printing, customized designs available
<b>Chip Option</b>	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, Mifare Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
<b>Numbering</b>	Thermal transfer/Laser engrave chip UID& serial numbers Unique barcode& QR code <b>Chip excel file datasheet offered</b>
<b>Accessory for one time use</b>	1) Aluminum tube 2) Plastic barrel slide lock 3) Plastic square slide lock 4) Bell shaped slide lock 5) Plastic snap closure Customized PMS colors buckles/sliders are available!

## NFC Vinyl Wristbands Ntag213 Soft PVC Wristband

Vinyl wristbands are very durable type of security wristband and they will last up to 2 weeks. Each band has a plastic snap closure and the band will have to be destroyed to be removed, so there is no reapplying these wristbands. RFID vinyl wristbands (also referred to as soft pvc NFC wristbands) have an encapsulated RFID chip, protecting the chip exposure to water. The wristbands are cheap RFID wristband solution.



**NFC Vinyl wristband** is a quick, cost-effective solution to access control management and identification. Great for events, nightclubs, and age verification.

Our most popular Wristband, Vinyl is strong, durable and cost effective. We offer them with a custom print to your specification. Great for one off uses at events of any size.

### NFC vinyl wristband Specification:

<b>Material</b>	Vinyl (soft pvc)
<b>Fabric Size</b>	250*16 mm or 250*25 mm or Customized
<b>Printing Type</b>	Pantone color
<b>Chip Option</b>	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
<b>Numbering</b>	serial numbers Unique barcode& QR code Chip excel file datasheet offered

## RFID Inlays/Labels

### RFID dry wet inlay

RFID Tags are small objects that contain a chip and an antenna for wireless identification of the objects they are attached to (or embedded in) with the help of an RFID reader. Unlike barcode technology, RFID tags do not require line of sight from the tag to the reader and support read/write functionality.



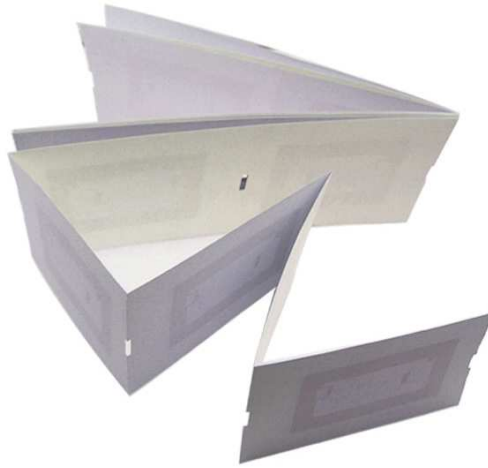
### RFID label stickers

RFID Tags are small objects that contain a chip and an antenna for wireless identification of the objects they are attached to (or embedded in) with the help of an RFID reader. Unlike barcode technology, RFID tags do not require line of sight from the tag to the reader and support read/write functionality.



## RFID ticket

RFID Tags are small objects that contain a chip and an antenna for wireless identification of the objects they are attached to (or embedded in) with the help of an RFID reader. Unlike barcode technology, RFID tags do not require line of sight from the tag to the reader and support read/write functionality.



## Animal Identification

RFID based Animal Tracking and identification are used world over to track history and movement of farm animals, zoo animals and pet animals. It is necessary to maintain records regarding animal origin, health, nutrition, threat of disease and so on. These records ensure timely and proper feeding, vaccinating and transferring of animals between farms.

We offers RFID animal tags for animal identification and tracking. These include animal ear tags for livestock including cattle, sheep and goats; and glass tags are suitable for livestock, pets and pigeons.

## Pet Microchips

RFID Glass Capsule (125kHz/134.2kHz) with syringe is a special design for animals like pets or wildlife. It can be put under animals' skin by a special syringe or via surgery. Also, it can be embedded in objects easy for an extreme condition because it's high resistance Glass Encapsulated HDX Transponders id pet chip.



## RFID pet microchips with syringe for animal Identification—SAFE, RELIABLE, EFFECTIVE MICRO-SIZED TAGS FOR SMALL PETS AND LAB ANIMALS

The rfid glasstag with syringe 2.12x12mm ,1.4x8mm, 1.25x7mm have been developed for subcutaneous injection, which is widely used for small animal identification. This glass tag can be used to identify any any pet like cat, dog, furred, horse, fish and exotic animal. All products conform to ISO standards and are available with parylene coating to prevent migration of the tag once implanted.

### Unsurpassed quality

Fully automated manufacturing and direct-bonding technology ensure tag reliability.

#### Smallest subcutaneous tag

Minimal injection perforation ensures fast animal recovery and excellent acceptance.

#### Optimum operation

The highest out-of-box performance ratings in the industry.

Glass Tag Specifications				
Size	1.25*7mm	1.4*8mm	2.12*12mm	3*13mm 3*15mm 4*23mm
Operating Frequency	125khz	134.2khz	13.56mhz	
Chip Type	EM4105	EM4305	HDX	Hitag S Ntag213 Ntag216 I code sli
Standards	ISO11784, ISO11785(FDX-A, FDX-B, HDX)			
Read Distance	Dependent upon reader, environment and application			
Material	Imported capsule, bio-grade glass encapsulation			
Withstands Exposure to	Alcohol, ammonium chloride 25%, fuel B, salt water			
Operating temperatuer	-25C to +85C			
Applications	Animal Identification – Laboratory and exotic animals: – Mice, Rats, Fish, Ferrets...etc. – Small pets: – Cats, Dogs, Birds...etc		Industry & Logistics – Custom enclosure – Inventory tracking – Warranty validation – Equipment calibration	

#### RFID Ear Tags

RFID based Animal Tracking and identification are used world over to track history and movement of farm animals, zoo animals and pet animals. It is necessary to maintain records regarding animal origin, health, nutrition, threat of disease and so on. These records ensure timely and proper feeding, vaccinating and transferring of animals between farms.

We offers RFID animal tags for animal identification and tracking. These include animal ear tags for livestock including cattle, sheep and goats; and glass tags are suitable for livestock, pets and pigeons.



## RFID Bird Tags

RFID based Animal Tracking and identification are used world over to track history and movement of farm animals, zoo animals and pet animals. It is necessary to maintain records regarding animal origin, health, nutrition, threat of disease and so on. These records ensure timely and proper feeding, vaccinating and transferring of animals between farms.

We offers RFID animal tags for animal identification and tracking. These include animal ear tags for livestock including cattle, sheep and goats; and glass tags are suitable for livestock, pets and pigeons.



## Handheld Scanners

RFID based Animal Tracking and identification are used world over to track history and movement of farm animals, zoo animals and pet animals. It is necessary to maintain records regarding animal origin, health, nutrition, threat of disease and so on. These records ensure timely and proper feeding, vaccinating and transferring of animals between farms.

We offers RFID animal tags for animal identification and tracking. These include animal ear tags for livestock including cattle, sheep and goats; and glass tags are suitable for livestock, pets and pigeons.



## RFID pigeon ring for bird tracking

With a seal chip inside the tag, the RFID ring for pigeon can provide an automatic tracking solution for simple pigeon management. The pigeon RFID tag, with storage of the data, can be scanned by RFID Reader within the read range from 3 cm to 10 cm. Thus, it avoids human error and provides a perfect solution in pigeon tracking and pigeon racing event.

The RFID pigeon tag can be customized to support international standards such as ISO 11784, ISO 11785 or ISO 15693 protocols. And constructing of ABS material, this mini RFID tag can be used in water and outdoor environment. Therefore, it can be applicable to many countries and harsh conditions, making it more practical.

Optional with different colors black, blue or red, the pigeon tag can meet your different management requirements. Also, it is an ideal selection for poultry management, such as ducks, pigeons, chicken and other for poultry management.



**Product feature :**

1. High tensile strength, processing stability, good toughness, free from high temperature and low temperature, acid and alkali resistance.
2. Non-toxic, no smell, no stimulation, no pollution. Uniform color, wear does not fade in the natural environment characteristics.
3. Overall performance is superior and convenient to operate of the animal epidemic prevention.
- 4.

**Specifications :**

Chip &Frequency	LF : 125Khz/134.2Khz (EM4200、TK4100、EM4305、HiTag-S256)
	HF : 13.56Mhz(Mifare 1k, Ntag213, I code Sli)
	UHF: Alien H3
Distance	2~10cm (depends on frequency)
Material	ABS/ PE(Eco-friendly)
size	18×28×18mm、11mm*25mm、 etc
Inner size	Φ7~Φ15
Temperature	-25℃~70℃
Application	1. Breeding population 2. Epidemic prevention 3. Quarantine control 4. Tracking 5. Livestock 6. Identification 7. Animal management and racing management.

## NFC Products

Near Field Communication (NFC) is a standards-based short-range wireless connectivity technology that makes life easier and more convenient for consumers around the world by making it simpler to make transactions, exchange digital content, and connect electronic devices with a touch. NFC is compatible with hundreds of millions of contactless cards and readers already deployed worldwide. **KORTX** supplies NFC Cards, NFC tags and NFC wristbands etc. These NFC products will bring much more convenient to your business and life.

### NFC Cards

NFC card is Near Field Communication card with 2-10cm read distance, which could protect the information. NFC cards are ideal for all mobiles with NFC function and other NFC enabled devices, perfect for storing basic contact information or web address, URL's, multiple NDEF messages. NFC card is not only Re-Writable but also lockable. NFC card is widely used for business card and cashless payment



#### NFC card Specification:

<b>Name</b>	<b>NFC Cards</b>
<b>Size</b>	85.5*54*0.84MM or customized
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing as request
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, embossed number, laser engraving number
<b>Available Crafts</b>	1: signature panel and scratch panel 2: barcode in different types(39/EAN 13/EAN 128...) 3: hot-stamping gold/silver 4: personalization: Emboss or thermal print Card Number, member name & expiry date etc5. magnetic strip, encoding
<b>Chip</b>	NXP-Mifare ultralight serials  NXP-ntag serials  NXP-Mifare Desfire serials

## NFC Tags

NFC technology is pretty common these days and features in most high-end smartphones. As well as phone to phone communication, NFC Tags / Stickers / Labels can be used to store and transfer information. They are widely used in access control, tickets, mobile phone NFC applications, asset management, post or express parcel management, file tracking, library management, parking system, warehouse management, counterfeiting etc.



### NFC Tag Specification:

Item	NFC tags
Chip	tag213, tag215, tag 216, F08, MF S50, I code, etc.
Protocol	ISO14443A/ISO15693
Size	dia 25,30,25*25mm or customized
Memory	128 Bytes,144 Bytes,96bit,128bit.etc.
Frequency	13.56MHz
Material	Coated paper, PVC, PET or customized
Write Endurance	≥100000 cycles
Read Range	HF: 1-10cm(depends on the reader and antenna)
Application	Data Transfer, Access control, Payment management, Launch an app, Public transport, Mobile payments, Event ticketing, Loyalty programs, etc.

## NFC wristbands

NFC Wristbands / Bracelets have many types, like fabric nfc wristband, elastic nfc wristbands, silicone nfc wristbands ,PVC nfc wristbands and Tyvek nfc wristband, etc. NFC Wristbands / Bracelets was inserted the NFC inlay inside, to increased control and security. NFC Wristbands / Bracelets mostly used for Festival Event, Park, club, and concert.



### NFC Wristband Specification:

Item	NFC wristbands
Chip	tag213, tag215, tag 216, F08, MF S50, I code, etc.
Protocol	ISO14443A/ISO15693
Type	fabric nfc wristband, elastic nfc wristbands, silicone nfc wristbands ,PVC nfc wristbands and Tyvek nfc wristband
Memory	128 Bytes,144 Bytes,96bit,128bit.etc.
Frequency	13.56MHz
Write	≥100000 cycles
Endurance	
Read Range	HF: 1-10cm(depends on the reader and antenna)
Application	Data Transfer, Access control, Payment management, Launch an app, Public transport, Mobile payments, Event ticketing, Loyalty programs, etc.

### Why NFC wristbands are succeeding at music festivals?

The future of live events is digital, and soon, your ticket, the way you pay for drinks and even your ability to share the experience on social networks, could all be done with a tap of the wrist.

Most RFID wristbands contain short-range – typically 3-5 cm – passive tags and don't require batteries, but instead, are powered when placed near or 'tapped' against an NFC reader.

### 13.56Mhz Ntag213/Ntag215/Ntag216 Plastic NFC Key Tag

NFC key tag is Near Field Communication card with 2-10cm read distance, which could protect the information. NFC cards are ideal for all mobiles with NFC function and other NFC enabled devices, perfect for storing basic contact information or web address, URL's, multiple NDEF messages. NFC key tag is not only Re-Writable but also lockable. NFC card is widely used for business card and cashless payment.



#### 13.56Mhz Ntag213/Ntag215/Ntag216 Plastic NFC Key Tag Specification:

NFC Key Tags are produced as membership cards, discount cards of a private club, health care provider, discount shopping club. Which will Improve your group's security. Enhance your image. Convey a sense of pride.

<b>Name</b>	<b>NFC Key Tag</b>
<b>Size</b>	55*29MM
<b>Thickness</b>	0.84MM,0.9MM ,1MM
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen) pantone color printing as request
<b>Finish</b>	Glossy or Matt or Frosted
<b>Crafts</b>	1,signature panel 2,RFID chip inside 3, serial number printing

Chip type available:

Chip Type	Memory Size	Frequency	Protocol	Description	Manufactuer
Ultralight	64bytes	13.56MHZ	14443A	R/W	NXP
Ultralight C	192bytes	13.56MHZ	14443A	R/W	NXP
NTAG213	180bytes	13.56MHZ	14443A	R/W	NXP
NTAG215	540bytes	13.56MHZ	14443A	R/W	NXP
NTAG216	924bytes	13.56MHZ	14443A	R/W	NXP
MF1S50	1024bytes	13.56MHZ	14443A	R/W	NXP
FM11RF08	1024bytes	13.56MHZ	14443A	R/W	FUDAN
MF1S70	4096bytes	13.56MHZ	14443A	R/W	NXP
FM11RF32	4096bytes	13.56MHZ	14443A	R/W	FUDAN
Desfire EV1 2k	2k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 4k	4k bytes	13.56MHZ	14443A	R/W	NXP
Desfire EV1 8k	8k bytes	13.56MHZ	14443A	R/W	NXP
iCode Sli	1024bits	13.56MHZ	15693	R/W	NXP

iCode Sli-S	2048bits	13.56MHZ	15693	R/W	NXP
iCode Sli-X	1024bits	13.56MHZ	15693	R/W	NXP
TI 2K	2048bits	13.56MHZ	15693	R/W	TI

### 13.56Mhz Small Size NFC Fragile Anti-Theft Tamper Proof Paper label

NFC technology is pretty common these days and features in most high-end smartphones. As well as phone to phone communication, NFC Tags / Stickers / Labels can be used to store and transfer information. They are widely used in access control, tickets, mobile phone NFC applications, asset management, post or express parcel management, file tracking, library management, parking system, warehouse management, counterfeiting etc.



#### 13.56Mhz Small Size NFC Fragile Anti-Theft Tamper Proof Paper Sticker Specification:

**Tamper proof NFC label** is widely used in tracking and anti-counterfeiting management of Tobacco, wine , drugs and cosmetics. The is made from fragile paper, which supply double security for the goods.

Item	NFC label
Chip	tag213, tag215, tag 216, F08, MF S50, I code, etc.
Protocol	ISO14443A/ISO15693
Size	dia 25,30,25*25mm or customized
Memory	128 Bytes,144 Bytes,96bit,128bit.etc.
Frequency	13.56MHz
Material	Coated paper, PVC, PET or customized
Write Endurance	≥100000 cycles
Read Range	HF: 1-10cm(depends on the reader and antenna)
Application	Data Transfer, Access control, Payment management, Launch an app, Public transport, Mobile payments, Event ticketing, Loyalty programs, etc.

### 13.56Mhz Ntag213/215/216 NFC Elastic Wristband

NFC Wristbands / Bracelets have many types, like fabric nfc wristband, elastic nfc wristbands, silicone nfc wristbands ,PVC nfc wristbands and Tyvek nfc wristband, etc. NFC Wristbands / Bracelets was inserted the NFC inlay inside, to increased control and security. NFC Wristbands / Bracelets mostly used for Festival Event, Park, club, and concert.



**NFC Elastic Wristband** is made from elasticated material, this band is stretchy, soft and removable, which is dear for multi-use. Elastic Fabric Wristband can be printed in full color print on both the outside and inside. Available any RFID chip including, NXP – Mifare serials , I CODE, and NFC.

<b>Material</b>	elasticated polyester
<b>Child Size</b>	25*160mm or 25*165 mm or Customized
<b>Adult Size</b>	25*180 mm, 25*185 mm or Customized
<b>Printing Type</b>	wristband -Dye Sublimation Pouch-embroidering logo
<b>Chip Option</b>	LF(125KHz): EM4100 compatible, EM4200, EM4305 HF(13.56MHz): MF S50 1K, Fudan 08, MF Ultralight Ev1, Ntag213/215/216, MF Desfire 2K/4K/8K, I code Sli, etc. UHF(860-960MHz): Alien H3
<b>Numbering</b>	Serial numbers Chip excel file datasheet offered

## Industrial RFID Tags

RFID tags for industry & logistics can help in various applications- waste management, IT asset tracking, Oil & Gas Environments, jewelry management, pallet tracking, Laundry etc. We provide wide range of RFID tags for data collection, tracking and tracing in industry- waste bin tag, rfid laundry tag, uhf anti-metal tag, micro tag, tire tag, metallica tag etc. These tags are available in all frequencies.

### RFID Asset Tags

#### Benefits of RFID based Asset tracking:

No Direct Line of Sight – An RFID reader doesn't need line of sight for it to function; it just has to be within the range of the tag.

Durability- These tags are capable of reading through metallic and non-metallic objects, such as plastic conveyors. Also, works under rugged conditions and harsh environment.

Alignment- Read reliability of RFID is not affected by a misaligned tag.

Re-usability- Read/write tags can be modified by the RFID reader, making it possible to add or change information stored on the tag when necessary.



Material	ABS, etc
Color type	Black, White, Red, etc.
Artcraft Available	Serial Number, Barcode,QR or UID number printing; Encoding/Programmable
Chip	Alien H3 or as your request
Working Distance	0~10 m (Reader Power=1 w,Ant Gain≈12 dBi)
Frequency	860-960MHz(UHF)
Operating Mode	Read& Write
Protocol	ISO 18000-6C
Storage Temperature	-40°C~80°C
Working Temperature	-20~+70
Protect Level	IP67 waterproof
Sample availability	Free sample in stock is available upon request
Application	<ul style="list-style-type: none"> <li>• Warehouse shelf</li> <li>• IT asset tracking</li> <li>• Metallic container tracking</li> <li>• Equipment&amp;device tracking</li> <li>• Automotive components tracking, etc.</li> </ul>



## RFID TIE TAGS

RFID cable Tags are widely used for cable line, flowers or plants indications systems. The Cable tie tag will be locked once the tie inserted, hanging on the line goods and make it unique. It can also be used in harsh environment and outdoor. **KORTX** offers various types of cable tags with different material, size to meet different applications.

RFID Tie Tags/ RFID safety seal and RFID cable tag

125 KHz, 13.56 MHz and 860-960 MHz UHF (SM-U8837 only) RFID cable tags. IP 67 makes these RFID cable tags suitable for indoor or outdoor applications where a secure RFID zip tie or RFID zap strap is needed. Also easy to secure to equipment and sports gear, luggage and tools, and for RFID tagging of other assets.

Item No	Size	Description	Application
KTX-C-001 	Circumference: 380 mm Brand size: 53.5*30*3.1 mm	Material: Nylon Color: Custom Frequency: 13.56/915 MHz Printing: Non-stick printed paper can be added Packaging: 300 pcs/bag Packaging technology: flip-chip, epoxy	-This label is widely used in logistics tracking management, food and animal tracing etc. -Dustproof and waterproof grade is IP65. The brand part of label is out of tie part, which won't be affected by its material. It's stable to read, easy to use, resistant to moisture, high temperature etc. It is well applied to logistics tracking, such as poultry, food, crabs, container seals, express parcels, asset management.
KTX-C-002 	Circumference: 300mm Brand size: 45*26*3.1mm	Material: Nylon Color: Custom Frequency: 13.56/915MHz Printing: Non-stick printed paper can be added Packaging: 300pcs/bag Packaging technology: flip-chip,epoxy	This label as a data carrier, can easily identify mark, item, collect information and trace, through contactless space censoring.
KTX-C-003	Circumference: 11.8mm Brand size: 25*22*3mm	Material: Nylon Color: Custom Frequency: 13.56/915MHz Printing: QR code printing is	Tracing This labe is applied to animal management, food injection, warehouse management etc.

	<p>available Packaging: 300pcs/bag Packaging technology: flip-chip,epoxy</p>	
<p>KTX-C-004</p> 	<p>Circumference: 320mm Brand size: 53.5*30*3.1mm Material: Nylon Color: Custom Frequency: 13.56/915MHz Working temperature: -30℃~+85℃ Printing: Printed paper stickers can be added Packaging: 300pcs/bag Pull force: 430-460N Lock force: 210-215N</p>	<p>In the pork tracing system, customers can easily obtain important information through the This hanging tag, including pork weight, price, store number, origin, immunization etc. Trace to implement the "secure meat" project.</p>

## RFID on Metal Tags

RFID tags for industry & logistics can help in various applications- waste management, IT asset tracking, Oil & Gas Environments, jewelry management, pallet tracking, Laundry etc. We provide wide range of RFID tags for data collection, tracking and tracing in industry- waste bin tag, rfid laundry tag, uhf anti-metal tag, micro tag, tire tag, metallica tag etc. These tags are available in all frequencies.



## RFID Waste bin tags

Waste Bin Tag is developed with a rugged plastic housing to protect it from rain, dirt and other environmental conditions. This makes it ideal for Waste Management solutions. It is available with different chips and memory sizes.

Waste Bin Tag is developed with a rugged plastic housing to protect it from rain, dirt and other environmental conditions. This makes it ideal for Waste Management solutions. It is available with different chips and memory sizes.



### Product Introduction

RFID waste bin tag is a plastic RFID transponder encased in ABS shell and sealed with epoxy resin. The tag is of small size, round shape and with four holes, which is specially designed for affixing by screws into a hole on waste bins bottom. The RFID garbage tag can also be mounted in any other hole with matching threads or be mounted on the surface by the four holes in the tag. This RFID waste bin tag is among the most robust RFID tags, can withstand harsh environment, waterproof, resistant to dust, oil, chemistry. Integrating this RFID tag into RFID system, the garbage collection company can dramatically improve working efficiency, better track and manage waste bins, and possible to deploy loyalty and reward programs offering to residents.

### Features

1. ABS shell with epoxy filling, perform in the harshest environments, including harsh chemicals, painting processes, outdoor exposure.
2. Specially designed for garbage can, easy to install
3. Tamper resistant – custom spanner screw drive to deter fraudulent removal.
4. Heavy-based construction provides both stability and safety
5. Reliable and consistent performance, Insensitive to almost all non metallic materials.

### Specification

Model Name	RFID waste bin tag
Material	Nylon
Size	Φ30*15mm with hole size 5mm / Φ26*9mm with hole size 3mm
Color	Black or customized

Frequency	125KHZ/ 13.56Mhz/ UHF
Chip	LF: EM4102,EM4100,EM4200,TK4100,GK4001; EM4305,EM4550,EM4069; T5577; Hitag1,Hitag2,HitagS256,  HF: MIFARE Classic1k, MIFARE2k,F08, MIFARE 8K, MIFARE Ultralight, NTAG213, NTAG216, I. CODE SLI;  UHF: Alien Higgs3
Coding	Painting, laser engraving
Applicable environment	non-metallic surface

<b>Attachment Method</b>	Acrylic adhesive, epoxies, silicone sealant, rivets, cable tie
<b>Operating Temperature</b>	-40° ~ + 85°C

#### Applications

1. Waste Bin Tag enables automatic measurement of weight of waste; promoting efficiency and control.
2. In-transit tracking of Waste Management Containers and Bins.
3. The movement and user duration (lifespan) of the bins and containers can be monitored within the user locations.

#### How RFID Technology works for Waste Management:

RFID Tags are attached to waste bin at every household in all regions. This RFID Tag contains a unique Identification which represents each household's customer information. Also a reader, antenna and scale are mounted on a garbage truck. The reader and antenna communicate with the RFID tags. The RFID tag, located on the cart, transmits its unique ID. The reader on the truck will receive this ID as each waste bin is emptied, weighs the bin. Data collected from the tags, which can be linked with a time stamp, type of container, weight of the container, truck's identity, load description and customer information, can also be stored in the truck's onboard computer and later transferred to a central waste management system for data processing or can be directly to a host computer.

#### RFID Laundry Tags

RFID tags for industry & logistics can help in various applications- waste management, IT asset tracking, Oil & Gas Environments, jewelry management, pallet tracking, Laundry etc. We provide wide range of RFID tags for data collection, tracking and tracing in industry- waste bin tag, rfid laundry tag, uhf anti-metal tag, micro tag, tire tag, metallica tag etc. These tags are available in all frequencies.



#### RFID Nail Tags

RFID tags for industry & logistics can help in various applications- waste management, IT asset tracking, Oil & Gas Environments, jewelry management, pallet tracking, Laundry etc. We provide wide range of RFID tags for data collection, tracking and tracing in industry- waste bin tag, rfid laundry tag, uhf anti-metal tag, micro tag, tire tag, metallica tag etc. These tags are available in all frequencies.

The Nail Tags are passive RFID transponders which are very useful for tree population monitoring or pallet tracking. We have different sizes fit for different application and his special ABS material, the Nail Tag is very rugged. It is very easy to fit this transponder into wooden objects.



#### Product Introduction

RFID Nail Tag is a RFID Transponder in nail shape. Encapsulated with ABS material, this nail tag is rust-resistant in wet and chemical environment, it is a perfect way for wood tracking. Designed with ferrite core, the tag has very good reading distance. It is suitable for mounting in cement products, precast, plastic products, trees and other non-metallic items.

##### 1. Features

- Fast, secure installation – tags are easily driven into place, and are nearly impossible to remove.
- Rugged reliability – high resistance to moisture, thermal fluctuation, vibration and shock.
- Unsurpassed quality – fully automated HID manufacturing and direct-bonding technology ensure dependable performance.

<b>Model Name</b>	<b>RFID Nail Tag</b>
<b>Material</b>	ABS
<b>Size</b>	Φ8mm*36mm(±0.5) Φ20(22/24/28)mm*42mm(±0.5)
<b>Color</b>	Black or customized
<b>Frequency</b>	125KHZ/ 13.56Mhz/ UHF
<b>Chip</b>	LF: EM4102,EM4100,EM4200,TK4100,GK4001; EM4305,EM4550,EM4069; T5577; Hitag1,Hitag2,HitagS256,  HF: MIFARE Classic1k, MIFARE2k,F08, MIFARE 8K, MIFARE Ultralight, NTAG213, NTAG216, I. CODE SLI;  UHF: Alien Higgs3
<b>Coding</b>	Painting, laser engraving
<b>Applicable environment</b>	non-metallic surface
<b>Attachment Method</b>	Drill a hole on the surface, then thwack with a rubber hammer to install.
<b>Operating Temperature</b>	-40° ~ + 85°C

#### Application.

1. Tree population monitoring, wood tracking, pallet tracking, logistic & inventory management, security inspection, packaging, vehicle identification, agricultural machinery management.
2. Use in the production lines, for quality control purposes, or to identify the individual components.
3. Tracking products in transit, between each check point or at changes in transport for pallet deliveries, etc.
4. Non-metallic materials management, military packaging, packaging and labeling, park management, asset identification management system.

### Washable PPS small laundry nfc tag

Our RFID Laundry Tag is ideal for laundry applications and to meet the high mechanical, temperature and chemical resistance required for harsh environments common to laundry applications.



#### Small in size, big in performance

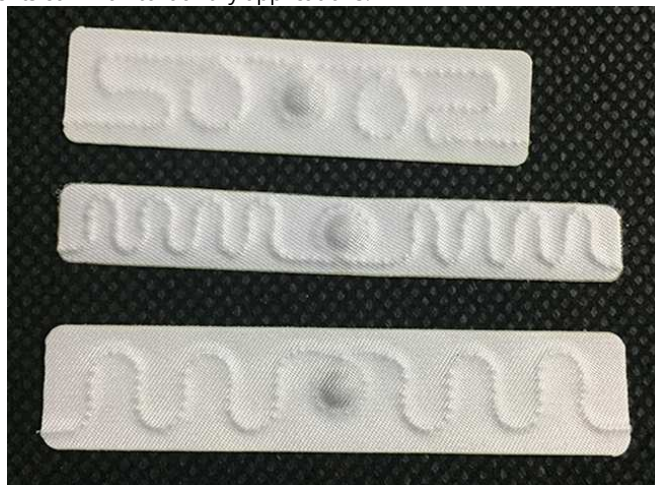
A flexible waterproof RFID tag is attached to laundry items. Generally the tag is sewn into the hem of the item or a pouch is sewn onto the items and the RFID chip is then placed into that pouch. We have to ensure that the tag is not obtrusive to the end user. If items need to be identified individually like uniforms the item a tag needs to be attached to each item. If laundry items need to be identified in batches the tags can be attached to the packaging. One tag can be fitted to the bin, to identify the bin and the items placed in the bin can be separately tagged. This way you can identify which items were placed into which bin. This information is transmitted to the central database and the information used as needed. Because the application software is usually written for individual clients we can make the system react in the way you would want it to react. The tags used by RFID solutions are washable and iron-able and effective for up to 200 washes.

Advantages	Main features	Application
<ul style="list-style-type: none"> <li>- More than 200 wash cycles</li> <li>- Both material and design have been tested for reliability</li> <li>- 100% function tested</li> </ul>	<ul style="list-style-type: none"> <li>- Can customize size for customers</li> <li>- waterproof</li> <li>Smaller module inside the tag</li> <li>Can stick under 60 bar pressure</li> </ul>	<ul style="list-style-type: none"> <li>- Industrial washing</li> <li>- Management of uniforms</li> <li>- Medical apparel management</li> <li>- Military clothing management</li> <li>- Personnel patrol management</li> </ul>

<b>Item</b>	<b>PPS Laundry Tag</b>
<b>Compliance</b>	ISO14443A, ISO15693, EPC Class1 Gen2, ISO18000-6C
<b>Frequency</b>	LF: 125Khz/ HF: 13.56Mhz/UHF: 860-960Mhz
<b>Chip</b>	TK4100, EM4200  FM1108, NXP S50, NXP ULT/ULT-C, ICODE SLI/SLI-X, Ntag203/213/216  Impinj R6P/ Ucode 7M or other UHF chips
<b>Read/write</b>	Yes
<b>Data Storage</b>	20 years
<b>Lifetime</b>	200 wash cycles or 2 years from shipping date (whichever comes first)
<b>Material</b>	pps
<b>Dimension</b>	10-50mm
<b>Storage Temperature</b>	-40~ +85 °
<b>Operating Temperature</b>	1 ) Pre-drying in Tumbler: 180°(320oF), 30 minutes  2) Ironed: 180°(356oF), 10 seconds, 200 cycles  3) Sterilization Process: 135°(275oF), 20 minutes
<b>Mechanical Resistance</b>	Up to 60 bars
<b>Installation Method</b>	Thread installation
<b>Read distance</b>	Up to 5 meters (ERP=2W, based on chip) Up to 1 meters ( With ATID AT880 handheld reader, based on chip)

## Stitching textile UHF RFID laundry tag

Our RFID Laundry Tag is ideal for laundry applications and to meet the high mechanical, temperature and chemical resistance required for harsh environments common to laundry applications.



### Small in size, big in performance

A flexible waterproof RFID tag is attached to laundry items. Generally the tag is sewn into the hem of the item or a pouch is sewn onto the items and the RFID chip is then placed into that pouch. We have to ensure that the tag is not obtrusive to the end user. If items need to be identified individually like uniforms the item a tag needs to be attached to each item. If laundry items need to be identified in batches the tags can be attached to the packaging. One tag can be fitted to the bin, to identify the bin and the items placed in the bin can be separately tagged. This way you can identify which items were placed into which bin. This information is transmitted to the central database and the information used as needed. Because the application software is usually written for individual clients we can make the system react in the way you would want it to react. The tags used by RFID solutions are washable and iron-able and effective for up to 200 washes.

Advantages	Main features	Application
– More than 200 wash cycles	– Can customize size for customers	– Industrial washing
– Both material and design have been tested for reliability	– waterproof	– Management of uniforms
– 100% function tested	– Smaller module inside the tag	– Medical apparel management
		– Military clothing management
		– Personnel
	–Can stick under 60 bar pressure	

Item	Laundry 5815/ 7010/ 7015
Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	845~ 950MHz
Chip	Impinj R6P/ Ucode 7M or other UHF chips
Memory	EPC 96bits, User 32bits
Read/write	Yes
Data Storage	20 years
Lifetime	200 wash cycles or 2 years from shipping date (whichever comes first)
Material	Textile
Dimension	LxWxH: 58 ( 2.283 inch) x 15 (0.590 inch) x 1.5 (0.059 inch) mm
Storage Temperature	-40~ +85 °C
Operating Temperature	1 ) Pre-drying in Tumbler: 180°C(320°F), 30 minutes
	2) Ironed: 180°C(356°F), 10 seconds, 200 cycles
	3) Sterilization Process: 135°C(275°F), 20 minutes
Mechanical Resistance	Up to 60 bars
Installation Method	Thread installation
Read distance	Up to 5 meters (ERP=2W)
	Up to 2 meters ( With ATID AT880 handheld reader)

## UHF RFID Flexible Silicone Laundry Tag

Our RFID Laundry Tag is ideal for laundry applications and to meet the high mechanical, temperature and chemical resistance required for harsh environments common to laundry applications.

UHF silicone laundry tag is a custom rfid tag for the laundry industry. It is made of environmentally friendly silicone material, with built-in RFID chip, can be applied to a variety of washing environment and various types of goods management industry. It is widely used for product tracking, quality management, entry and exit control, and making production and process management.



Advantages	Main features	Application
<ul style="list-style-type: none"> <li>- More than 200 wash cycles</li> <li>- Both material and design have been tested for reliability</li> <li>- 100% function tested</li> </ul>	<ul style="list-style-type: none"> <li>- Can customize size for customers</li> <li>- waterproof</li> <li>- Smaller module inside the tag</li> <li>-Can stick under 60 bar pressure</li> </ul>	<ul style="list-style-type: none"> <li>- Industrial washing</li> <li>- Management of uniforms</li> <li>- Medical apparel management</li> <li>- Military clothing management</li> <li>- Personnel patrol management</li> </ul>

Item	Silicone laundry tag
Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	845~ 950MHz
Chip	Alien H3
Memory	EPC 96bits, User 32bits
Read/write	Yes
Data Storage	20 years
Lifetime	150 wash cycles
Material	silicone
Dimension	55*12*2.5mm
Operating Temperature	-20 °C to + 180 °C (20min in 100 °C)
Encapsulation technology	One-time injection molding process
Read distance	5m with 8db reader

## RFID Bullet Tag

RFID Bullet Tag is small cylindrical RFID transponder with bullet shape, ABS or PC housing, copper antenna is winded on the magnetic core, which amplify the RF field of the tag and offer very good reading distance in multiple directions, encapsulated by epoxy, it is very robust mini RFID tag intended to be embedded in the objects with small space, be installed on wall, stone, wood, plastic, glass, etc.



#### Product Introduction:

RFID Bullet Tag is small cylindrical RFID transponder with bullet shape, ABS or PC housing, copper antenna is winded on the magnetic core, which amplify the RF field of the tag and offer very good reading distance in multiple directions, encapsulated by epoxy, it is very robust mini RFID tag intended to be embedded in the objects with small space, be installed on wall, stone, wood, plastic, glass, etc.

#### Feature:

1. **Small size**— easy to install, and installation, it is less likely to be detached from the objects.
2. **Robust housing**—waterproof, moisture-proof, dust-proof, anti-erosion, shock and vibration resistant
3. **Unsurpassed reading performance**— ferrite core offers amplified RF field, with good sensitivity and reading range.
4. **Versatile platform**— can customize with different chips, 125khz, or 13.56mhz to choose

#### Specification:

<b>Product Name</b>	RFID Bullet Tag
<b>Housing Material</b>	ABS/PC, epoxy,
<b>Color</b>	Black or customized
<b>Dimension</b>	18mmΦ7mm*7mm / 19mmΦ7mm*3mm / 41mmΦ7.7mm*7mm
<b>Working Temperature</b>	-400~85℃
<b>Protocol</b>	ISO14443, ISO7815, etc.
<b>Frequency</b>	125KHZ / 13.56MHZ
<b>Chip</b>	TK4100, EM4200, MIFARE S50, FM11RF08, Ultralight, Ntag213, Ntag216, I CODE sLI etc.
<b>Reading distance</b>	>5cm, low frequency >3cm, high frequency (depending on reading device)
<b>installation method</b>	After drilling holes on the surface of the object, nail it with a rubber hammer. Suitable for installation on cement products, prefabricated parts, plastic products, trees, and other non-metal items.
<b>Application</b>	1. Widely used in logistic, pallet tracking, anti-forgery, patrol, etc.  2. Mold, furniture tracking, and asset management.  3. Replace the glass transponder to track animals.

## Plastic Cards

Plastic card is known for its durability, flexibility and versatility, which is widely used as membership card, VIP card, gift card, loyalty card and business card. Plastic card can help improve your group's security, enhance your image and convey a sense of pride. We could print the plastic card as your request color and your unique design. Also the shape of the card could also be customized.

### Business Cards

Plastic business card is made from high quality pvc material, which make it durable, tear-resistance and waterproof. We do have white, black and transparent pvc material for your choose, which could highlight your business card and leave your business partner a quite good impression.



#### Plastic business card Specification:

<b>Size</b>	Cr80, 90*50mm or customized
<b>Thickness</b>	0.35mm, 0.4mm, 0.76mm
<b>Material</b>	White pvc , black pvc and transparent pvc
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen) pantone color printing as request
<b>Finish</b>	Glossy or Matt or Frosted
<b>Crafts</b>	1, spot UV 2, gold foil, silver foil
<b>Sample</b>	Free samples are available upon request

## Card & Key Tag Combos

Card & Key Tag Combos are produced as membership cards, discount cards of a private club, health care provider, discount shopping club, which will improve your group's security, enhance your image and convey a sense of pride. They are a small and convenient alternative to traditional wallet-sized plastic cards. **KORTX** could supply you various shape key tag as your request.



### Card & Key Tag Combo Specification:

Size	Cr80+1 keytag, 3up keytag, customized sizes
Thickness	0.35mm, 0.4mm, 0.76mm
Material	PVC, PET or ABS
Color	Full color offset printing Silk-screen printing print CMYK+Metallic color(like silver/gold/pearlescent in silk screen) pantone color printing as request
Finish	Glossy or Matt or Frosted
Crafts	1,signature panel 2,barcode in different types(39/EAN 13/EAN 128...)3, serial number printing

## Loyalty & Gift Cards

Loyalty & Gift Cards are made from plastic (also known as hard pvc).

A Loyalty & Gift Card is a prepaid stored-value money card usually issued by a retailer or bank to be used as an alternative to cash for purchases within a particular store or related businesses. Loyalty & Gift cards also are given out by retailers and marketers as part of a promotion strategy, to entice the recipient to come in or return to the store, and at times such cards are called cash cards. Loyalty & Gift cards are generally redeemable only for purchases at the relevant retail premises and cannot be cashed out, and in some situations may be subject to an expiry date or fees.



### Loyalty & Gift Card Specification:

<b>Size</b>	85.5*54*0.76 mm, CR80*30mil
<b>Material</b>	PVC, PET or ABS
<b>Color</b>	Full color offset printing Silk-screen printing print CMYK+ Metallic color(like silver/gold/pearlescent in silk screen)pantone color printing as request
<b>Finishing</b>	Glossy or Matt or Frosted
<b>Numbering</b>	Thermal printing number, embossed number, laser engraving number
<b>Available Crafts</b>	1: signature panel and scratch panel 2: barcode in different types(39/EAN 13/EAN 128...) 3: hot stamping gold/silver 4: personalization: Emboss or thermal print Card Number, member name & expiry date etc5. magnetic strip, encoding

## RFID Blocking Cards

The RFID Blocking Card is the same size as a standard credit card and 0.76-1.5mm thick with built-in internal circuitry. The RFID Blocking Card works by drawing power from the scanner, and emitting a counter-signal to jam the communication. This protects the surrounding cards within a 5cm radius. It can stop transmissions of personal information e.g. financial information, your name, date of birth, account number being read by a remote RFID device.

### How to Test It Works?

There are several ways to check if your card works just in case you want to be sure. The easiest way is at a self checkout at a local supermarket.

When you go to pay, put the RFID blocking card on your contactless card and bring them close to the contactless card reader. You will find that the card cannot be read. This prove it confuses the scanner and work in treat.

### Technical Parameters:

Size	85.5*54*0.76-1.5mm
Material	Type 1: Material:PVC+Absorbing Type 2: Material:PVC+circuit board:
Printing	full color as per design art
MOQ	500pcs
Sample	stock samples for free Customized samples will be charged
Others	LED light available; Barcode/QR code print
Advantages:	<p>•Easy To Use: You don't need to have a degree in mechanics in order to use our card; you simply place your credit/debit cards near it, and you're done!</p> <p>•Slim &amp; Compact: The fact that it has the same exact size as your credit cards, with a thickness of just 0.90 mm, makes it extremely versatile; you can put it in your wallet, your cardholder, or even your pocket!</p> <p>•No Need For Batteries &amp; Chargers: You don't need to worry about needing extra equipment. Our card will use its own "enemy" as a power supply!</p>

### RFID Blocking Sleeves

Every year more technology is invented to steal your identity, money, or personal information. And with the rise of "chipped" RFID credit, ID and debit cards, it's easier than ever to do if you aren't properly prepared. That's why we created the RFID BLOCKING CARDS and RFID BLOCKING SLEEVES, they are smart, effective and simple solution for protecting against identity theft and unauthorized payment transactions.

High-tech crime is a nightmare scenario for travelers at busy airports, rail stations, and port terminals – thieves using electronic skimmers are everywhere

These RFID credit card protectors and RFID passport protectors offer superior protection from common crimes that could cost you thousands of dollars and massive hassles.

### Advanced RFID blocking material

- Secure from electromagnetic intrusion
- Thin and lightweight, fit in travel wallets
- Water- and tear-resistant



1. Product	RFID card blocking sleeve/holder
2. Size	88*58mm for credit card ; 142*100mm for passport or customized
3. Material	Aluminum foil paper
4. Color	Full color printing, Silk-screen printing (We prefer design file of AI/PSD/PDF format.)
5. Surface	Glossy / Matt
6. Craft	Spot UV, Silver /gold hot stamping
7. Function	Payment cards, ID cards, Driver's licences from being illegally scanned.
	RFID smart cards from being illegally scanned. Prevent RFID enabled credit cards.

## Plastic PS RFID Blocking Card Holder

With RFID blocking card holder innovative Aluminum-lined interior, you can be sure that your card numbers, address, and other critical personal info is safe from nearby Radio Frequency Identification (RFID) scanners.

RFID blocking card holder helps protect from wear and tear or daily use, much the same way that bank-issued card sleeves do... the difference is, because of our reinforced material, the lifespan of RFID blocking card sleeves far exceeds those basic paper ones... which means your cards last longer too!

Tired of sifting through several RFID blocking cards holder and wasting time at checkout? We've got you covered, literally. With our bold and personal designs, you'll be able to grab what you need that much faster without all that hunting.

Name	RFID Blocking Credit Card Holder
Size	90x60x4mm
Material	Aluminium + PC/ABS
Color	RGB color
Craft	Silk-screen print



[www.kortxtech.com](http://www.kortxtech.com)

