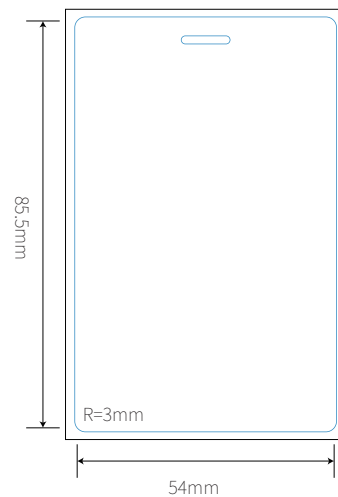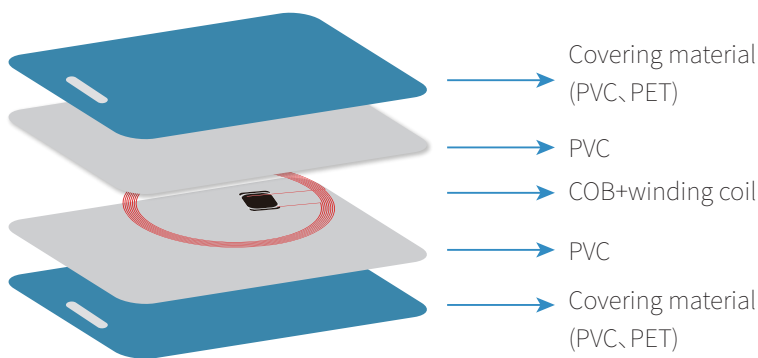# Plastic ID Card-spec sheet

Plastic ID Card is a kind of proximity card that cannot be written. It is commonly equipped with an LF chip and works on the LF frequency 125 kHz. The most common application of ID cards is access control management. For example, you can use it to create a company ID card, student ID card, photo ID card, etc.

And White ID Card supports printing. You can make a Personalized ID Card according to your idea. Xinyetong customized ID Card varies that you have many choices, including chips, sizes, crafts, shapes, colors, etc.

Parameters

Item	Plastic ID Card	Color	Customizable	Chip	TK 4100
Material	PVC, PET, or ABS	Size	85.5 X 54 X 0.76 mm	Frequency	125 kHz
Protocol	ISO7815	Crafts Available	Logo or number printing, Bar code, QR code, etc.	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Packaging Details	1. White box: 22 cm x 9 cm x 6cm, 200 pieces/ box, optional a poly bag for one card.Gross weight:1.1 kg /box (0.76 mm thick) 2. Carton: 52.5 cm x 22.5 cm				

Dimensional Diagram

- Covering material (PVC、PET)
- PVC
- COB+winding coil
- PVC
- Covering material (PVC、PET)

85.5mm

R=3mm

54mm

Available chips

LF 125kHz Chips

Chip Name	Protocol	Capacity	Frequency
TK4100	ISO 11784/11785	64 bits	125 kHz
EM4200	ISO 11784/11785	128 bits	125 kHz
EM4305	ISO 11784/11785	512 bits	125 kHz
T5577	ISO 11784/11785	330 bits	125 kHz

Features

▶ Operating frequency: 125 kHz

▶ No need battery, and convenient to use

▶ Data retention up to 10 years

  Read-only: Data cannot be changed after it is written

▶ Usually, the size of the standard card is 85.5 X 54 X 0.76 mm

▶ Offer design services, or you can directly provide the design draft

▶ Support single-sided or double-sided printing

▶ Support custom ID card printing: screen printing, offset printing, etc

▶ Support other customization services

APPLICATIONS

- Company staff ID card
- School staff ID card
- Access control Card
- Membership Card

- Employee's card
- Personalized photo card
- Other applications