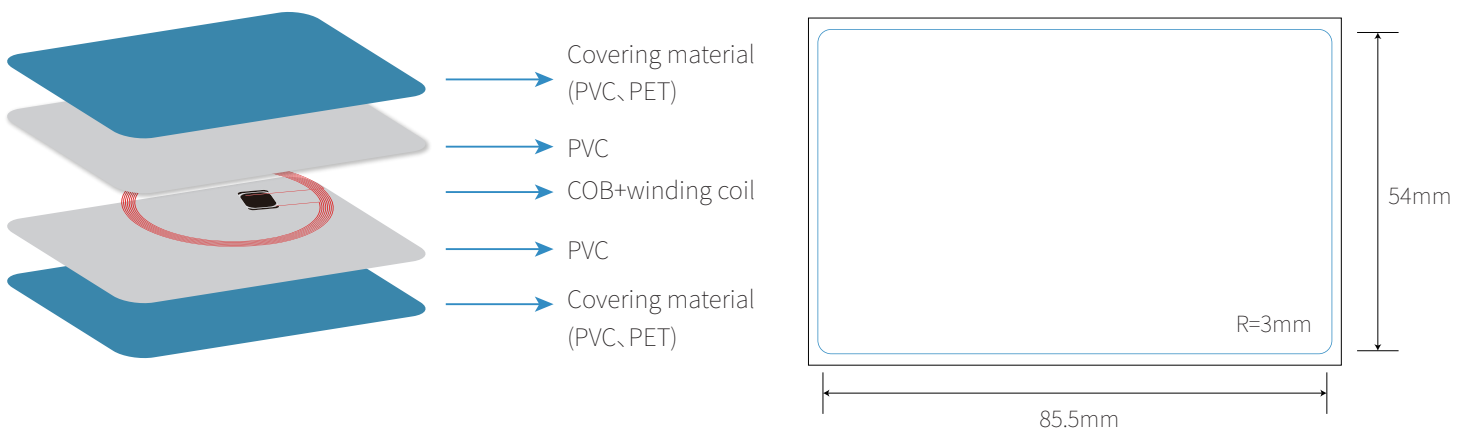# RFID Membership Card- spec sheet

RFID membership card comes to our lives with the development of RFID technology. It is composed of chips, inductive antennas, and completely sealed in a standard PVC card. Every RFID membership card has a unique identification number. Compared with the magnetic stripe card and bar code card, it has a much longer service life. It is durable, even if the card surface is worn, it can still work, while the magnetic card is easy to demagnetize and the bar code card prone to wear.

RFID membership cards are widely used Supermarket, Shopping Mall, Club, Gym, etc. such as club membership cards, plastic discount cards, promotional cards, promotional gift cards, promotional business cards, business membership cards, keychain membership cards, etc.

Parameters

Item	RFID Membership Card	Color	Customizable	Working Temperature	-25℃ to 65℃
Material	PVC、PET	Size	CR80 (85.5*54mm) or Custom	Data Retention Time	10 years
Chip	T4100、Mifare、EM4100 chip etc.	Reading Distance	0-10m	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Frequency	125 kHz	Write Endurance	100000 times		
Protocol	ISO18000-2	Crafts Available	Logo or number printing, Bar code, QR code, etc.		

Dimensional Diagram

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

54mm
R=3mm
85.5mm

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

Custom RFID card printing

RFID plastic membership cards has a variety of printing processes, you can customize it. Different processes can achieve different effects, making a very personalized membership card.

- Glossy, matte, frosted laminated/finished, UV varnish
- Magnetic strip
- Signature panel and scratch panel
- QR code, barcode in different types (39/EAN 13/EAN 128…)
- Hot stamping gold/silver color

- Photograph as required
- Emboss or thermal print Card Number
- Member name & expiry date etc

Engraving technology

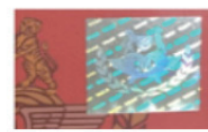|			
Embossing	Barcode	Hot Foil	UV Spot
Transparent Card	Frosted Finish	Matte Finish	QR Code
Magnetic Stripe	Scratch panel	Signature panel	Hologram Stamping