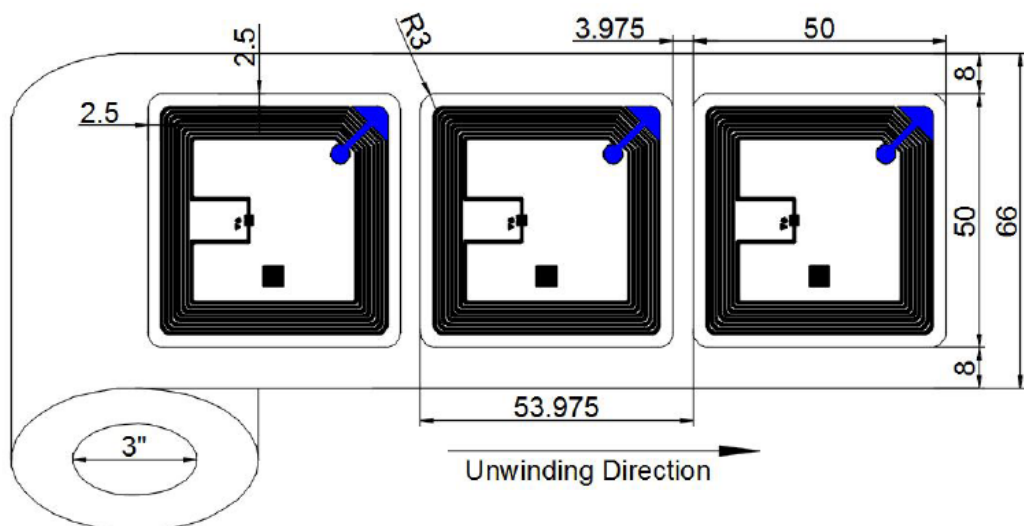


Blood bag HF RFID Label Model 50x50mm (Icode slix)

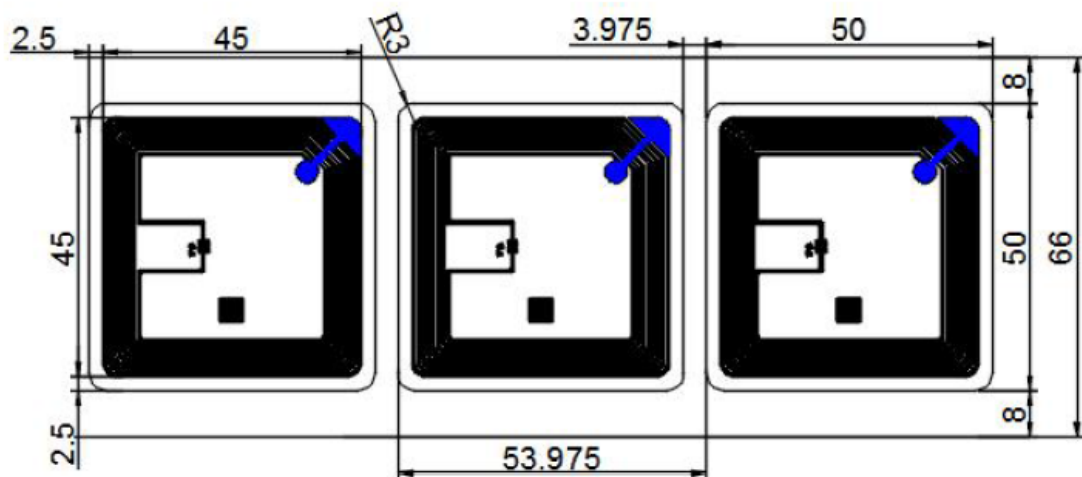


1. Mechanical Characteristics

1.1 Appearance



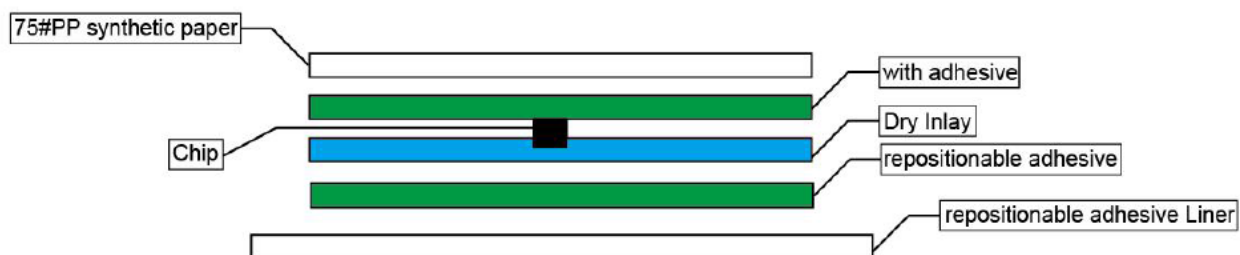
1.2 Dimensions



1.3 Dimensions Deviation

No.	Item	Parameters (mm)
1	Inlay Length	45±0.20
2	Inlay Width	45±0.20
3	Inlay right to label right	2.5±1.0
4	Inlay left to label left	2.5±1.0
5	Label Length	50±0.5
6	Label Width	50±0.5
7	Label Corner Radius	R=3±0.5
8	Label Edge to Liner Edge (Top)	8.0±1.0
9	Label Edge to Liner Edge (Bottom)	8.0±1.0
10	Label Pitch	53.975±0.5
11	Label Gap	3.975±0.5
12	Liner Width	54±1.0
13	Core ID	3 inch (76.20±0.50)
14	Roll OD	≤207
15	Inlay Top to Label Top	2.5±1.0
16	Inlay Edge to Label Edge (Bottom)	2.5±1.0
17	Antenna Length	45±0.2
18	Antenna Width	45±0.2

1.4 Structure



2. Electrical Characteristics

Item		Description	Remarks
Manufacture / Chip		NXP ICODE SLIX	
Base Material		PET(50um)	
Antenna		Etched Aluminum (10um) + PET (38um) + Etched Aluminum (30um)	
Protocol		ISO/IEC15693	
Memory	UID	8 Bytes	Read Only
	Total Memory	1024 Bits	Read & Write
	User Memory	896 Bits	Read & Write
	Password		
Frequency		13.56 MHz	
Operating Mode		Passive	
IC Life		100,000 Programming cycles, 50 years data	
ESD Voltage Immunity		Max 2000V	Human being mode (HBM)

3. Environmental Requirement

Temperature/Humidity for Label Attaching: [10°C to 40°C] 20% to 80%RH

Temperature/Humidity after Label Attached to the Products: [-20°C to +50°C] 20% to 80%RH (Environmental requirements of adhesive may vary on different materials).

Shelf Life: From the date of manufacture, 1 year at 23±5°C / 50%±10%RH), sealed in the vacuum bag and avoid direct sunlight exposure.

Disclaimer: Our recommendations are based on our latest knowledge and experience. We reserve all rights for final explanation.

4. Handling Precautions

4.1 Keep away from water and collision. DO NOT BEND.

4.2 Special requirement : NONE

5. Packaging

1	Shipping format	1. Roll 2. Vacuumed packing in ESD bag
2	Quantity	2000±2Pcs/roll
3	Packaging method	8 rolls/ctn (Actual Qty as per Shipping Mark)
4	Packaging pictures	
5	Special requirement	The carton was sealed without gaps