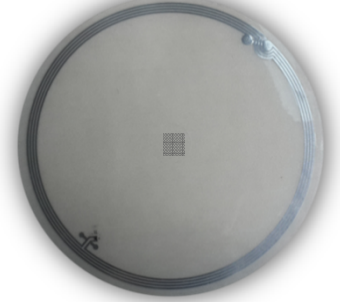


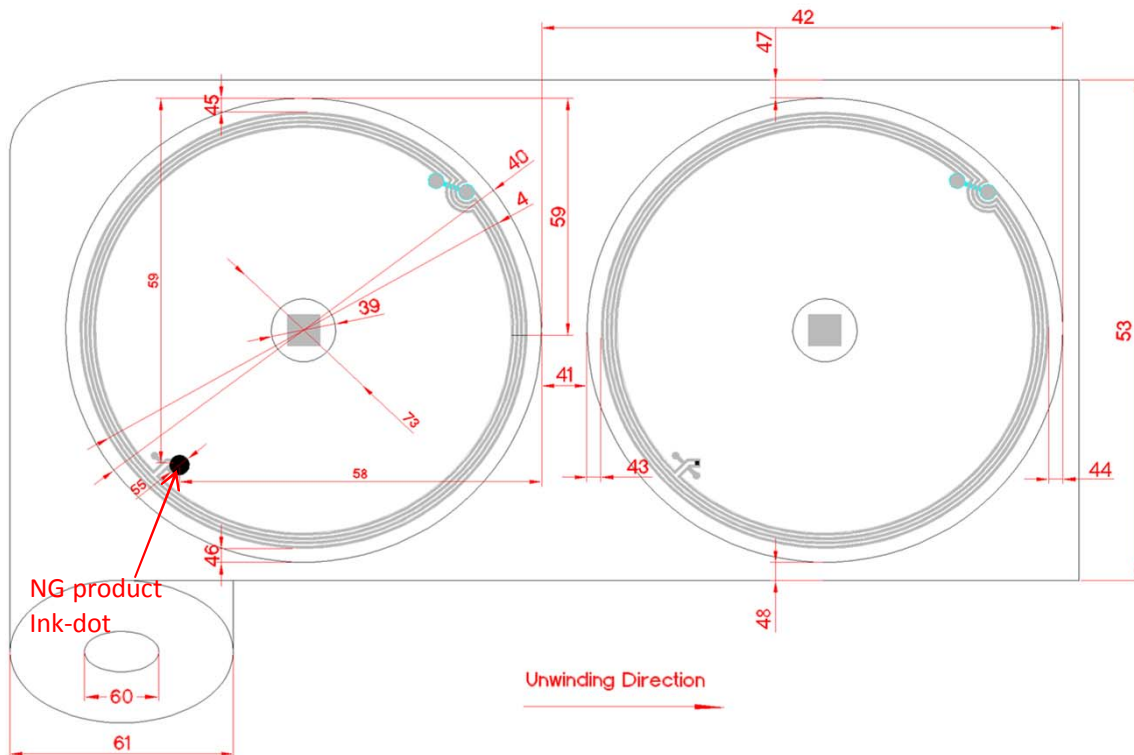
## 1. Performance Specifications

RFID Chip	NXP ICODE SLIX
Protocol	ISO/IEC 15693, ISO/IEC 18000-3 Mode 1
Operating Frequency	13.56 MHz
Operating Mode	Passive
Memory	Total of 1024 bits, organized in 32 blocks of 4 bytes each
IC Life	100,000 Programming cycles, 10 years data retention

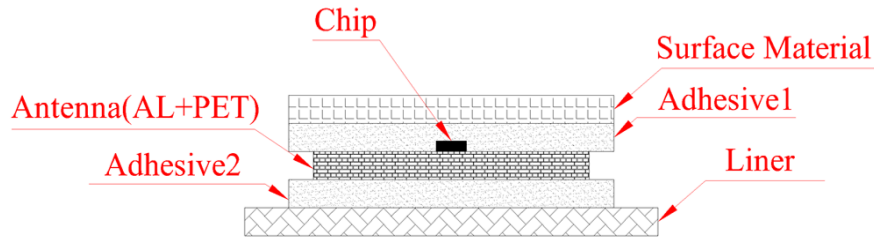


## 2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
4	Antenna Outer diameter	110.00 mm	± 0.20 mm	4.331 in.
39	Label Inner diameter	16.00 mm	± 0.50 mm	0.630 in.
40	Label Outer diameter	117.00 mm	± 0.50 mm	4.606 in.
41	Label Gap	11.00 mm	± 1.00 mm	0.433 in.
42	Label Pitch	128.00 mm	± 1.00 mm	5.039 in.
43	Antenna Edge to Label Edge (Left)	3.50 mm	± 2.00 mm	0.138 in.
44	Antenna Edge to Label Edge (Right)	3.50 mm	± 2.00 mm	0.138 in.
47	Label Edge to Liner Edge (Top)	4.50 mm	± 2.00 mm	0.177 in.
48	Label Edge to Liner Edge (Bottom)	4.50 mm	± 2.00 mm	0.177 in.
53	Liner Width	126.00 mm	± 1.00 mm	4.961 in.
55	Ink-dot Size	5.00 mm	± 2.00 mm	0.197 in.
58	Ink-dot to Product Edge(Right)	89.00 mm	± 2.00 mm	3.504 in.
59	Ink-dot to Product Edge(Top)	92.00 mm	± 2.00 mm	3.622 in.
60	Core inner diameter	76.20 mm	± 1.00 mm	3.000 in.
61	Reel Outer diameter	≤ 254.00mm		≤ 10.00 in.



### 3. Label Structure



Surface Material	Transparent BOPP Film	38 $\mu\text{m} \pm 3\mu\text{m}$
Antenna AL Coil	Aluminum etching	30 $\mu\text{m} \pm 3\mu\text{m}$
Antenna PET	Transparent PET	38 $\mu\text{m} \pm 3\mu\text{m}$
Adhesive2	Acrylic emulsion	35 $\mu\text{m} \pm 5\mu\text{m}$
Liner	White Glassine paper	80g/m <sup>2</sup> , 75 $\mu\text{m} \pm 5\mu\text{m}$

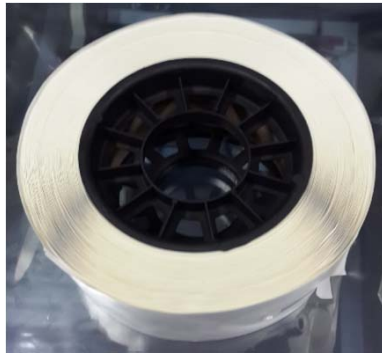
### 4. Environment Requirement

Operating Temperature/Humidity	-20~70°C / 20%~80% RH	
Storage Temperature/Humidity	20~30°C / 20%~60% RH	
Shelf Life	1 year in anti-static bag at 20~30°C / 20% ~60% RH	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	> 50mm	

### 5. Delivery Details

Appearance	Single row reel form	
Quantity	1000 pcs/Roll; 8 Rolls (8 k pcs)/Carton	标准外箱尺寸: 525x525x325mm
Weight	3.1 kg/Roll; 26.5 kg/Carton	
Final inspection	100 %, known faulty ones marked	
Delivery yield	≥ 99%	

Packaging Photograph



**AllGood-Group reserves the right for modifying the specification data without notice in advance!**