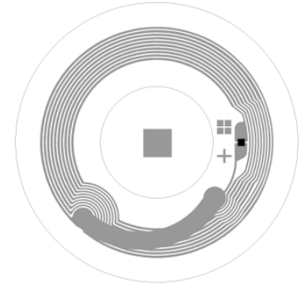


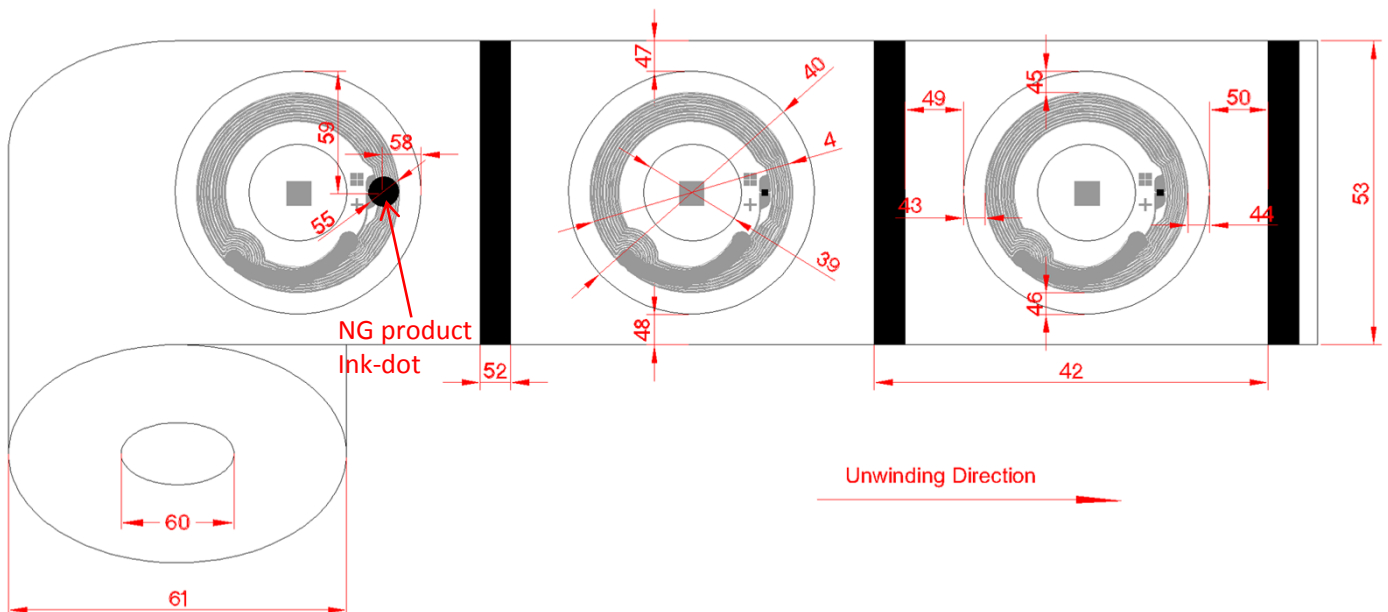
1. Performance Specifications

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

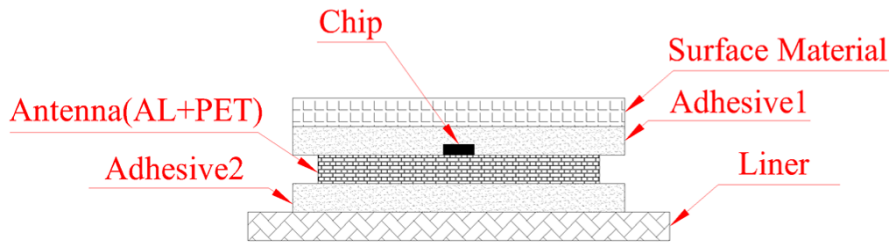


2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
4	Antenna Outer diameter	33.00 mm	± 0.20 mm	1.299 in.
39	Label Inner diameter	16.00 mm	± 0.50 mm	0.630 in.
40	Label Outer diameter	40.00 mm	± 0.50 mm	1.575 in.
42	Label Pitch	64.00 mm	± 1.00 mm	2.520 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.
45	Antenna Edge to Label Edge (Top)	3.50 mm	± 2.00 mm	0.138 in.
46	Antenna Edge to Label Edge (Bottom)	3.50 mm	± 2.00 mm	0.138 in.
47	Label Edge to Liner Edge (Top)	10.00 mm	± 2.00 mm	0.394 in.
48	Label Edge to Liner Edge (Bottom)	10.00 mm	± 2.00 mm	0.394 in.
49	Label Left to Mark Right	9.50 mm	± 2.00 mm	0.374 in.
50	Label Right to Mark Left	9.50 mm	± 2.00 mm	0.374 in.
52	Black Mark Length	5.00 mm	± 0.50 mm	0.197 in.
53	Liner Width	60.00 mm	± 1.00 mm	2.362 in.
55	Ink-dot Size	5.00 mm	± 2.00 mm	0.197 in.
58	Ink-dot to Product Edge(Right)	6.00 mm	± 2.00 mm	0.236 in.
59	Ink-dot to Product Edge(Top)	20.00 mm	± 2.00 mm	0.787 in.
60	Core inner diameter	76.20 mm	± 1.00 mm	3.000 in.
61	Reel Outer diameter	≤ 203.00mm		≤ 7.99 in.



3. Label Structure



Surface Material	White art paper	80g/m ² , 72μm ± 5μm
Adhesive 1	Acrylic emulsion	22μm ± 5μm
Antenna	Aluminum etching	AL Coil + PET + AL Bridge (30μm + 38μm + 10μm, ± 3μm)
Adhesive 2	Acrylic emulsion	25μm ± 5μm
Liner	White Glassine paper	61g/m ² , 55μm±5μm

4. Environment Requirement

Operating Temperature/Humidity	-0~60℃ / 20%~80% RH	
Storage Temperature/Humidity	20~30℃ / 20%~60% RH	
Shelf Life	1 year in anti-static bag at 20~30℃ / 20% ~60% RH	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	> 50mm	

5. Delivery Details

Appearance	Single row reel form	
Quantity	2000 pcs/Roll; 8 Rolls (16 k pcs)/Carton	
Weight	1.65 kg/Roll; 15 kg/Carton	Based on the actual shipment quantity
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!

