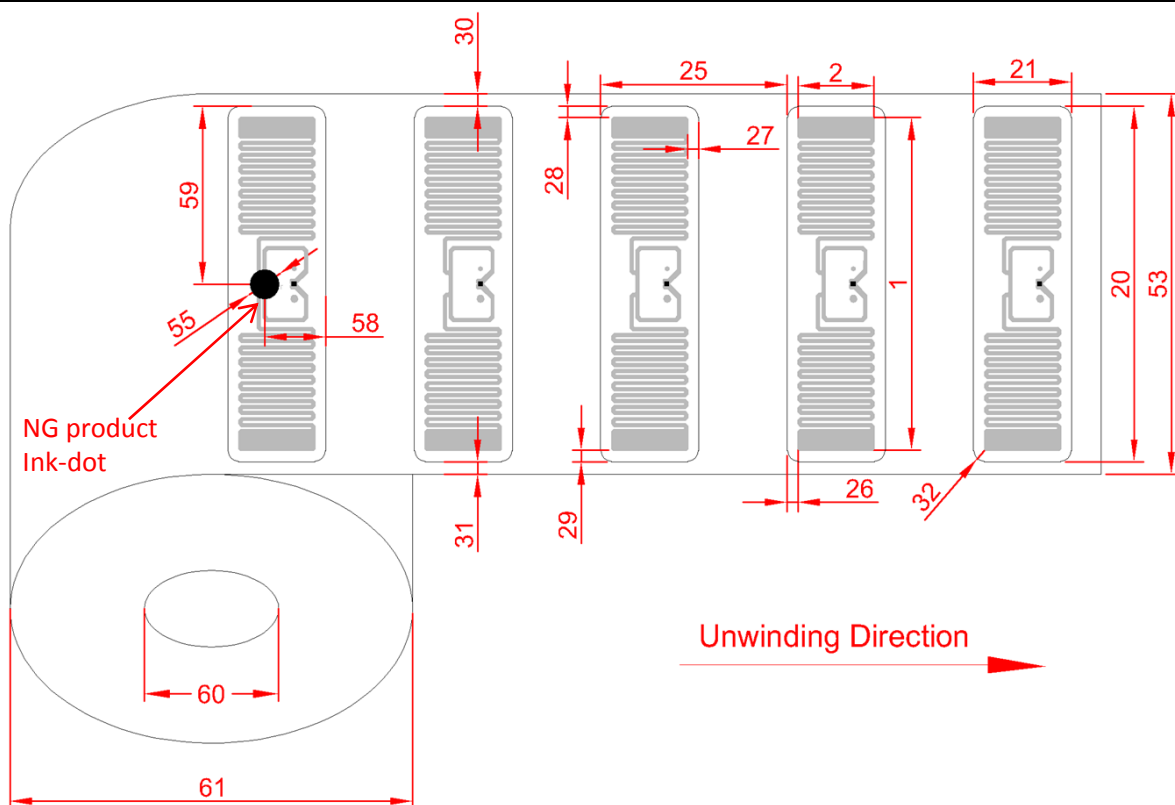


1. Performance Specifications

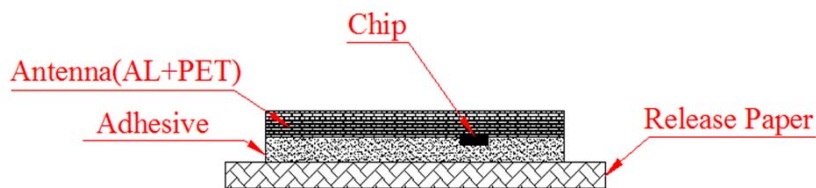
RFID Chip	NXP U Code 7	
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2	
Operating Frequency	860~960MHz	
Operating Mode	Passive(Battery free)	
Memory	48bit TID, 128bit EPC, 0 bit User Memory	32Bits Access,32Bits Kill
IC Life	100,000 Programming cycles, 50 years data retention	
Read distance	Average reading distance > 3m (Reader and Environment Dependent)	

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	44.45 mm	± 0.20 mm	1.750 in
2	Antenna Length	10.33 mm	± 0.20 mm	0.407 in
20	Wet inlay Width	47.50 mm	± 0.20 mm	1.870 in
21	Wet inlay Length	13.38 mm	± 0.50 mm	0.527 in
25	Wet inlay Pitch	25.40 mm	± 0.50 mm	1.000 in
26	Antenna to PET (Left)	1.50 mm	± 1.50 mm	0.059 in
27	Antenna to PET (Right)	1.50 mm	± 1.50 mm	0.059 in
28	Antenna to PET (Top)	1.50 mm	± 1.50 mm	0.059 in
29	Antenna to PET (Bottom)	1.50 mm	± 1.50 mm	0.059 in
30	Wet inlay Edge to Liner Edge (Top)	1.65 mm	± 1.65 mm	0.065 in
31	Wet inlay Edge to Liner Edge (Bottom)	1.65 mm	± 1.65 mm	0.065 in
32	Wet inlay Corner Radius	1.50 mm	± 0.20 mm	0.059 in
53	Liner Width	50.80 mm	± 1.00 mm	2.000 in
55	Ink-dot Size	4.00 mm	± 2.00 mm	0.157 in
58	Ink-dot to Product Edge(Right)	8.31 mm	± 2.00 mm	0.327 in
59	Ink-dot to Product Edge(Top)	23.75 mm	± 2.00 mm	0.935 in
60	Core inner diameter	76.20 mm	± 1.00 mm	3.000 in
61	Reel Outer diameter	Based on the actual shipment quantity		



3. Clean wet inlay Structure



Antenna	Aluminum etching	PET: 50 $\mu\text{m} \pm 3\mu\text{m}$; AL: 10 $\mu\text{m} \pm 3\mu\text{m}$
Adhesive	Acrylic emulsion	19g/m ² \pm 5g/m ²
Release Paper	White glassine paper	61g/m ² \pm 10%, 55 $\mu\text{m} \pm 10\%$

4. Environment Requirement

Operating Temperature/Humidity	-0 \sim 60 $^{\circ}\text{C}$ / 20% \sim 80% RH	
Storage Temperature/Humidity	20 \sim 30 $^{\circ}\text{C}$ / 20% \sim 60% RH	
Shelf Life	1 year in anti-static bag at 20 \sim 30 $^{\circ}\text{C}$ / 20% \sim 60% RH	
ESD Voltage Immunity	2 kV (HBM)	
Bending Diameter	> 50mm	

5. Delivery Details

Appearance	Single row reel form	
Quantity	2500 \pm 100 pcs/Roll; 8 Rolls/Carton	Based on the actual shipment quantity
Weight	To be determined	
Final inspection	100 %, known faulty ones marked	
Delivery yield	\geq 99%	

Packaging Photograph



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