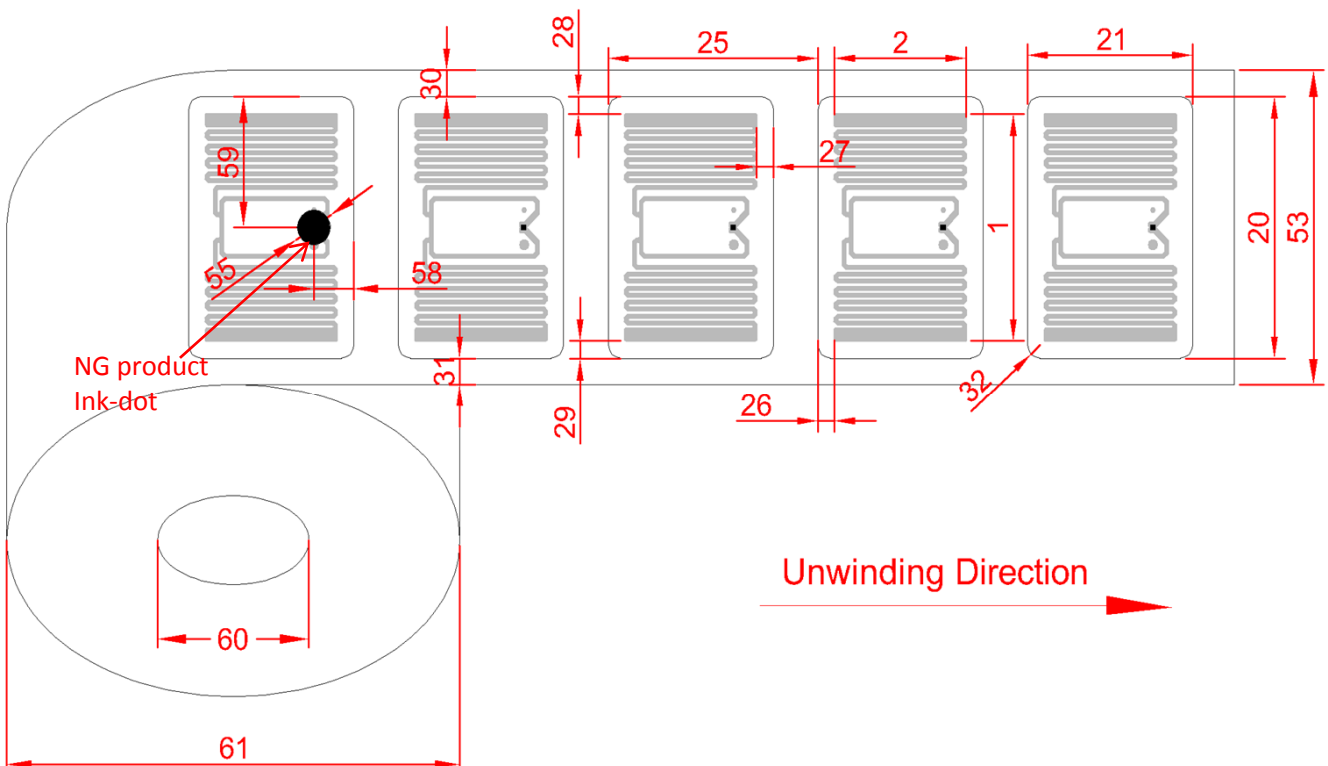


1. Performance Specifications

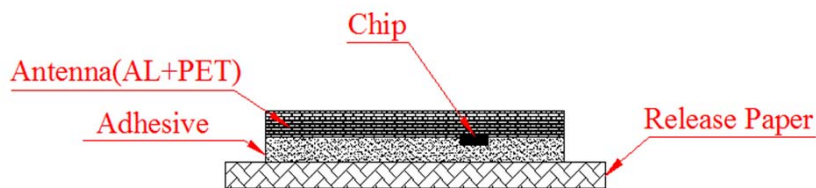
RFID Chip	NXP U Code 7	
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2	
Operating Frequency	860~960MHz	
Operating Mode	Passive(Battery free)	
Memory	48bit TID, 128bit EPC, 0 bit User Memory	32Bits Access,32Bits Kill
IC Life	100,000 Programming cycles, 50 years data retention	
Read distance	Average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

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	26.00 mm	± 0.20 mm	1.024 in
2	Antenna Length	16.00 mm	± 0.20 mm	0.630 in
20	Wet inlay Width	30.00 mm	± 0.20 mm	1.181 in
21	Wet inlay Length	20.00 mm	± 0.50 mm	0.787 in
25	Wet inlay Pitch	25.40 mm	± 0.50 mm	1.000 in
26	Antenna to PET (Left)	2.00 mm	± 1.50 mm	0.079 in
27	Antenna to PET (Right)	2.00 mm	± 1.50 mm	0.079 in
28	Antenna to PET (Top)	2.00 mm	± 1.50 mm	0.079 in
29	Antenna to PET (Bottom)	2.00 mm	± 1.50 mm	0.079 in
30	Wet inlay Edge to Liner Edge (Top)	3.00 mm	± 2.00 mm	0.118 in
31	Wet inlay Edge to Liner Edge (Bottom)	3.00 mm	± 2.00 mm	0.118 in
32	Wet inlay Corner Radius	1.50 mm	± 0.20 mm	0.059 in
53	Liner Width	36.00 mm	± 1.00 mm	1.417 in
55	Ink-dot Size	4.00 mm	± 2.00 mm	0.157 in
58	Ink-dot to Product Edge(Right)	4.85 mm	± 2.00 mm	0.191 in
59	Ink-dot to Product Edge(Top)	15.00 mm	± 2.00 mm	0.591 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 μ m \pm 3 μ m; AL: 10 μ m \pm 3 μ m
Adhesive	Acrylic emulsion	19g/m ² \pm 5g/m ²
Release Paper	White glassine paper	61g/m ² \pm 10%, 55 μ m \pm 10%

4. Environment Requirement

Operating Temperature/Humidity	-0 \sim 60 $^{\circ}$ C / 20% \sim 80% RH	
Storage Temperature/Humidity	20 \sim 30 $^{\circ}$ C / 20% \sim 60% RH	
Shelf Life	1 year in anti-static bag at 20 \sim 30 $^{\circ}$ 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!