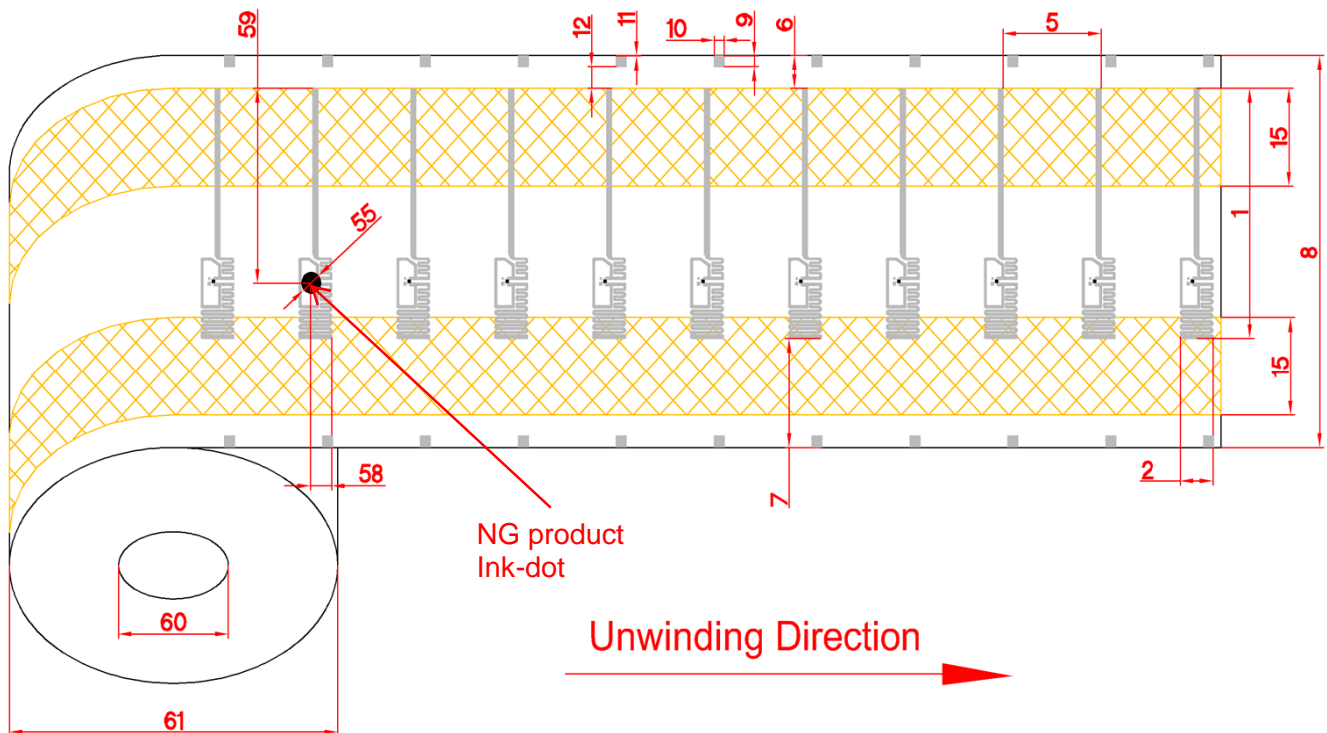


1. Performance Specifications

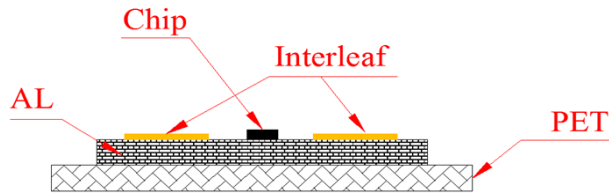
RFID Chip	NXP U Code7	
Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2	
Operating Frequency	860~960MHz	
Operating Mode	Passive(Battery free)	
Memory	48bit TID, 128 bit EPC, 0 bit User Memory	32Bits Access, 32Bits Kill
IC Life	100,000 Programming cycles, 10 years data retention	
Read distance	Average reading distance > 4m (Reader and Environment Dependent)	

2. Mechanical Dimensions

NO.	Item	Parameter(mm)	Tolerance	Parameter(in.)
1	Antenna Width	70.00 mm	± 0.20 mm	2.756 in
2	Antenna Length	10.00 mm	± 0.20 mm	0.394 in
5	Antenna Pitch	30.00 mm	± 0.50 mm	1.181 in
6	Antenna to PET (Top)	9.25 mm	± 1.00 mm	0.364 in
7	Antenna to PET (Bottom)	30.75 mm	± 1.00 mm	1.211 in
8	PET Width	110.00 mm	± 1.00 mm	4.331 in
9	Mark Width	3.00 mm	± 0.20 mm	0.118 in
10	Mark Length	3.00 mm	± 0.20 mm	0.118 in
11	Mark to PET (TOP)	0.20 mm	± 0.20 mm	0.008 in
12	Mark to Antenna (TOP)	6.05 mm	± 0.20 mm	0.238 in
15	Interleaf Width	25.00 mm	± 1.00 mm	0.984 in
55	Ink-dot Size	5.00 mm	± 2.00 mm	0.197 in
58	Ink-dot to Product Edge(Right)	6.23 mm	± 2.00 mm	0.245 in
59	Ink-dot to Product Edge(Top)	54.00 mm	± 2.00 mm	2.126 in
60	Core inner diameter	153.42 mm	± 1.00 mm	6.040 in
61	Reel Outer diameter	Based on the actual shipment quantity		



3. Dry inlay Structure



Chip	Silicon	110 μ m \pm 10 μ m
Antenna AL	Aluminum etching	10 μ m \pm 3 μ m
Antenna PET	Transparent PET	50 μ m \pm 3 μ m
Interleaf	Kraft (Chip protected paper)	50 ~ 60 μ m

4. Environment Requirement

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

5. Delivery Details

Appearance	Single row reel form	
Quantity	8000 \pm 100 pcs/Roll; 1 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!